

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
 Data File : BE100550.D
 Acq On : 25 Sep 2019 9:40
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 25 11:51:18 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 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6660	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	31019	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	17130	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	37399	0.40	ng	0.00
27) Chrysene-d12	21.37	240	38994	0.40	ng	0.00
34) Perylene-d12	23.83	264	45247	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	6649	0.43	ng	0.00
5) Phenol-d6	7.02	99	8965	0.42	ng	0.00
8) Nitrobenzene-d5	9.00	82	7101	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	17897	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1157	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	24420	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	164210	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	38062	0.41	ng	0.00

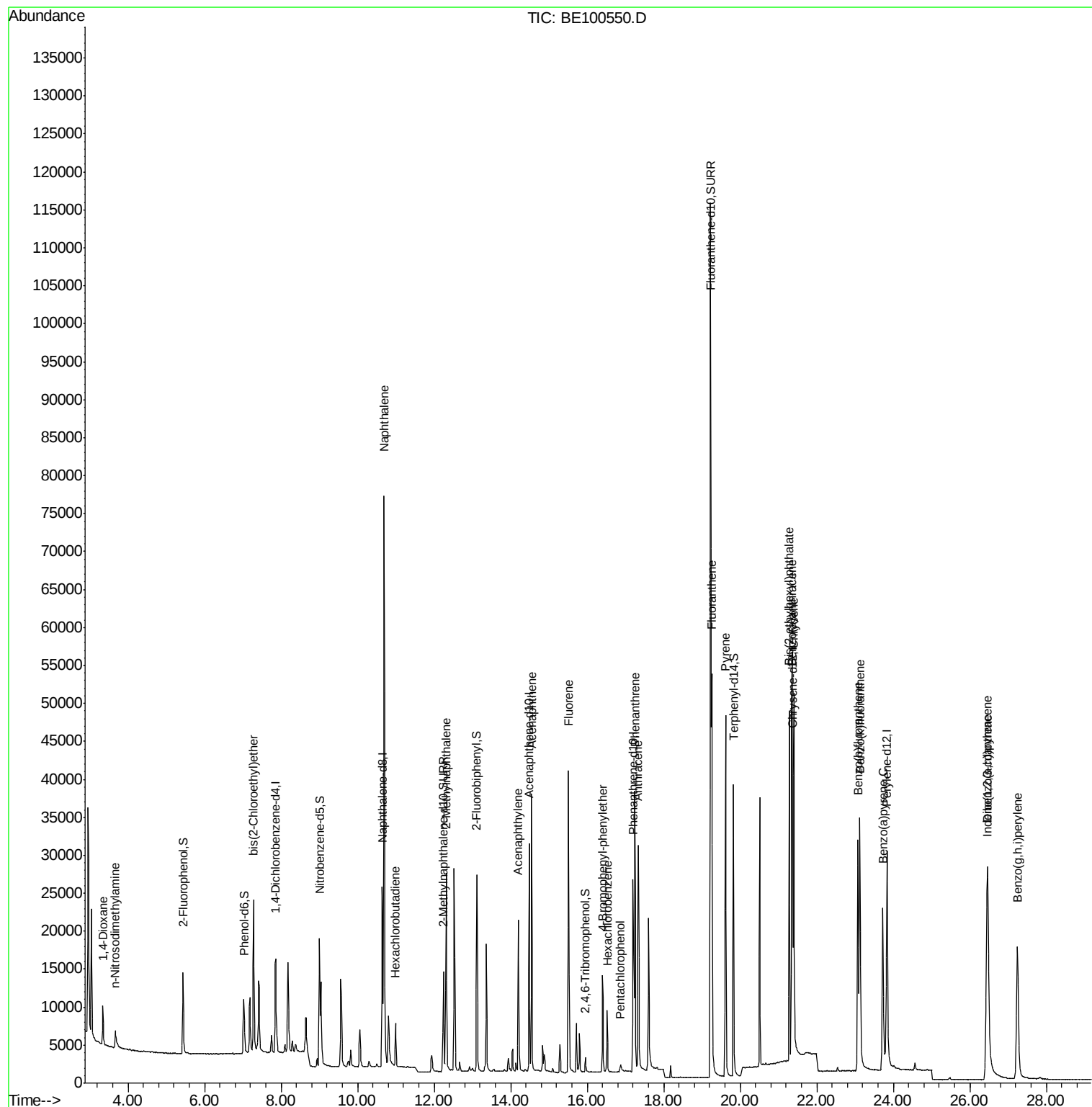
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3597	0.374	ng	93
3) n-Nitrosodimethylamine	3.66	42	2331	0.414	ng	# 92
6) bis(2-Chloroethyl)ether	7.28	93	8460	0.392	ng	90
9) Naphthalene	10.69	128	125351	0.390	ng	100
10) Hexachlorobutadiene	10.99	225	4004	0.389	ng	98
12) 2-Methylnaphthalene	12.31	142	19485	0.381	ng	98
16) Acenaphthylene	14.20	152	26302	0.373	ng	100
17) Acenaphthene	14.54	154	18386	0.386	ng	99
18) Fluorene	15.51	166	22751	0.382	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	6617	0.377	ng	95
21) Hexachlorobenzene	16.52	284	5763	0.376	ng	100
22) Pentachlorophenol	16.87	266	1077	0.469	ng	95
23) Phenanthrene	17.24	178	39784	0.382	ng	99
24) Anthracene	17.33	178	32488	0.370	ng	99
26) Fluoranthene	19.25	202	46458	0.370	ng	100
28) Pyrene	19.61	202	46474	0.414	ng	100
30) Benzo(a)anthracene	21.34	228	43676	0.419	ng	99
31) Chrysene	21.40	228	45955	0.387	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	52081	0.464	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	52572	0.398	ng	100
35) Benzo(b)fluoranthene	23.08	252	45279	0.370	ng	100
36) Benzo(k)fluoranthene	23.13	252	52890	0.373	ng	99
37) Benzo(a)pyrene	23.72	252	42089	0.368	ng	100
38) Dibenzo(a,h)anthracene	26.47	278	43296	0.364	ng	99
39) Benzo(g,h,i)perylene	27.24	276	46383	0.373	ng	99

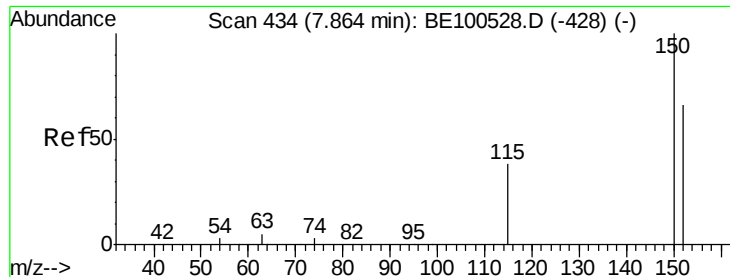
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

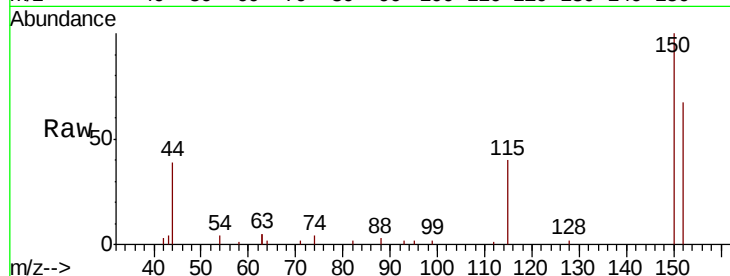
Tot Ion:152 Resp: 6660

Ion Ratio Lower Upper

152 100

150 150.0 121.6 182.4

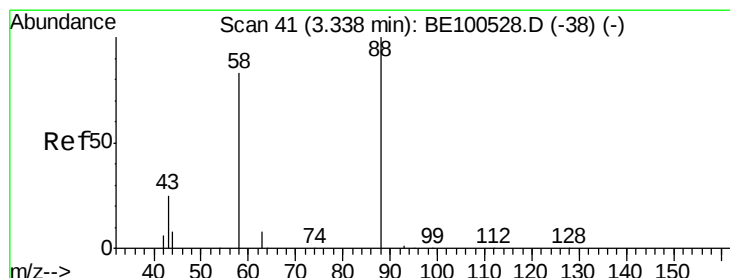
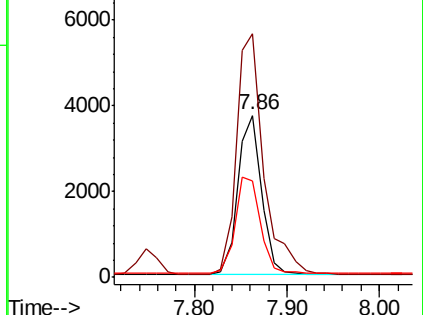
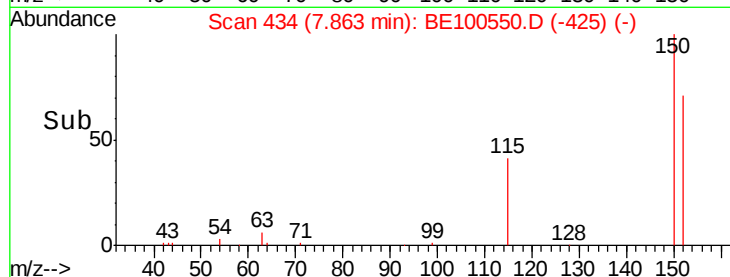
115 59.4 48.2 72.4



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: 0.374 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

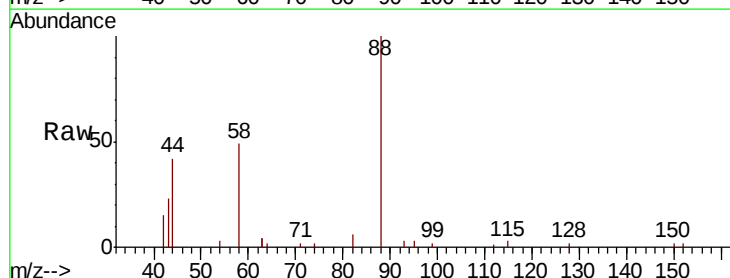
Tgt Ion: 88 Resp: 3597

Ion Ratio Lower Upper

88 100

58 72.0 53.3 79.9

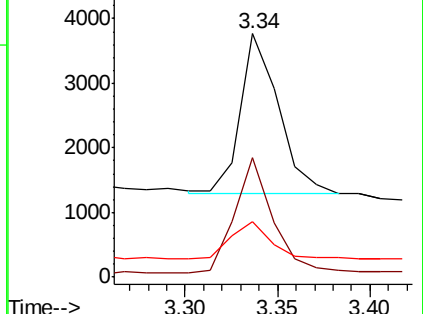
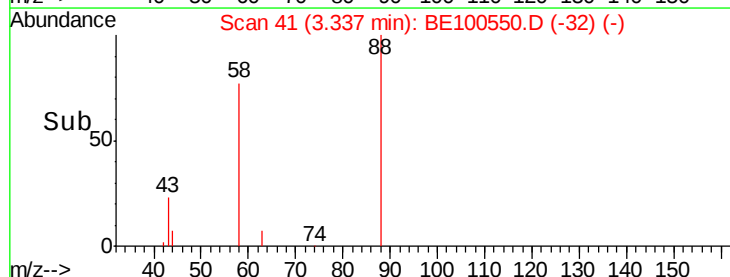
43 24.5 16.9 25.3

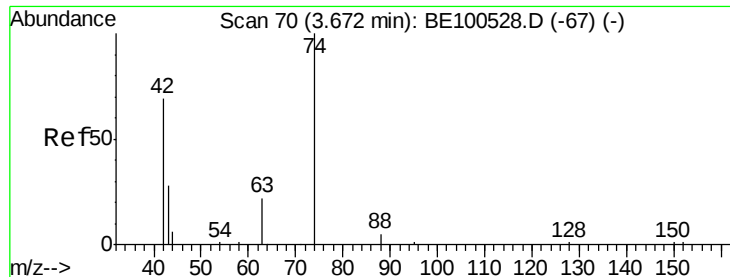


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.414 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

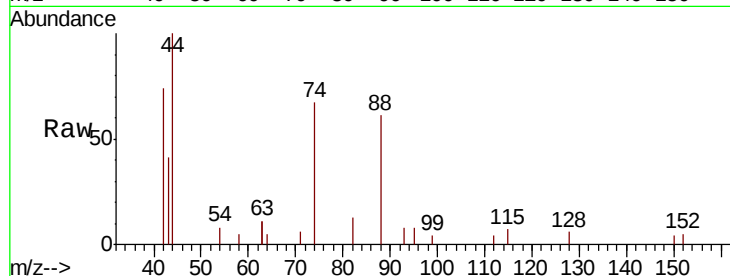
Tot Ion: 42 Resp: 2331

Ion Ratio Lower Upper

42 100

74 157.2 133.8 200.6

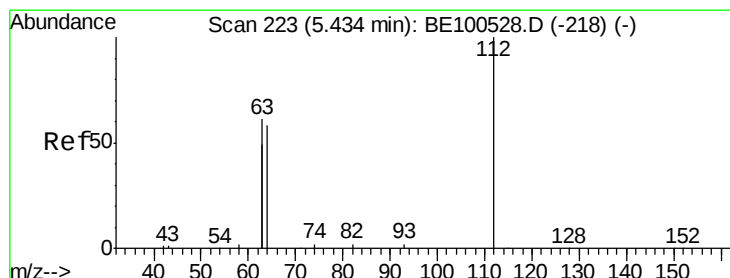
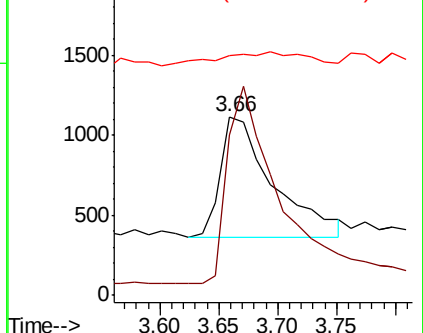
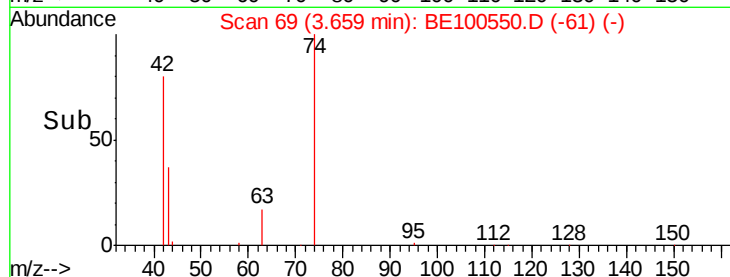
44 0.0 6.4 9.6#



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: 0.426 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

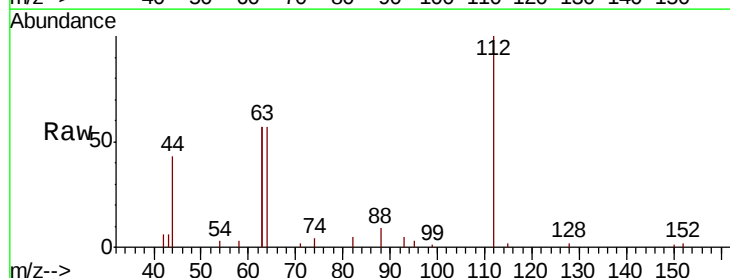
Tgt Ion: 112 Resp: 6649

Ion Ratio Lower Upper

112 100

64 57.4 44.1 66.1

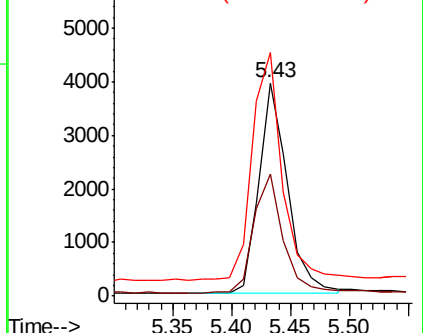
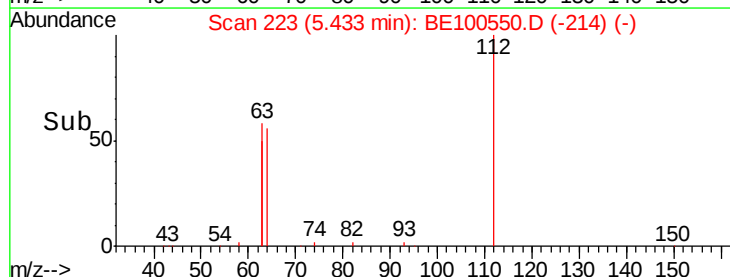
63 112.3 86.5 129.7

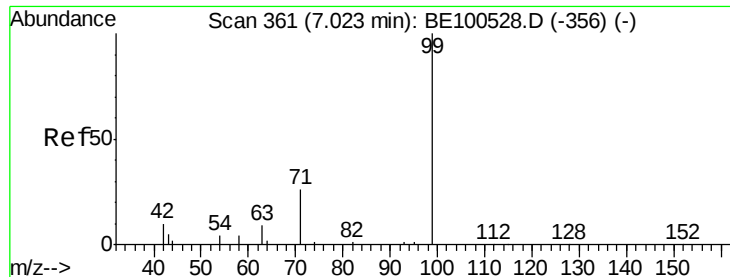


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.420 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

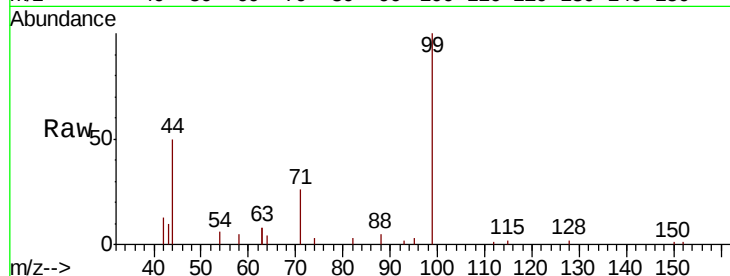
Tot Ion: 99 Resp: 8965

Ion Ratio Lower Upper

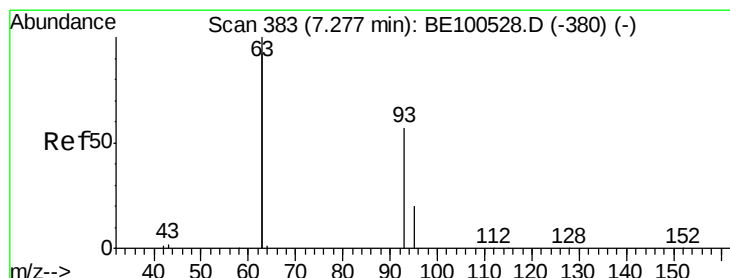
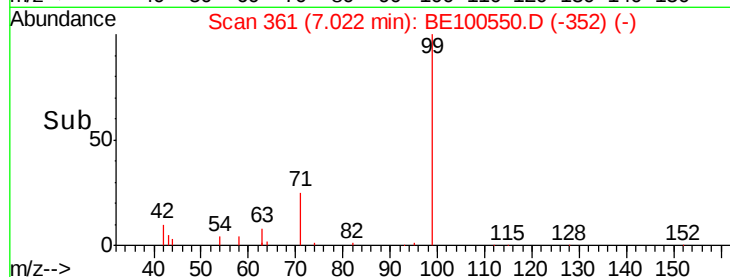
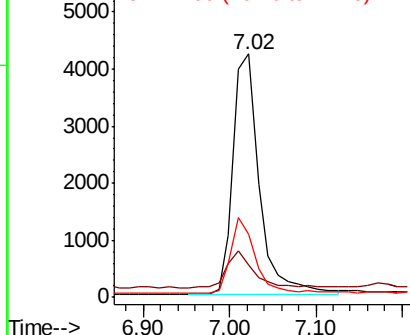
99 100

42 15.6 13.0 19.6

71 30.0 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: 0.392 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

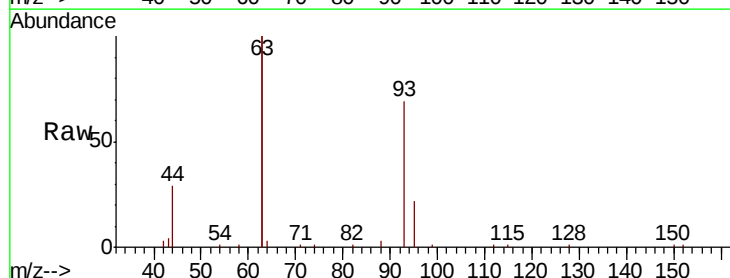
Tgt Ion: 93 Resp: 8460

Ion Ratio Lower Upper

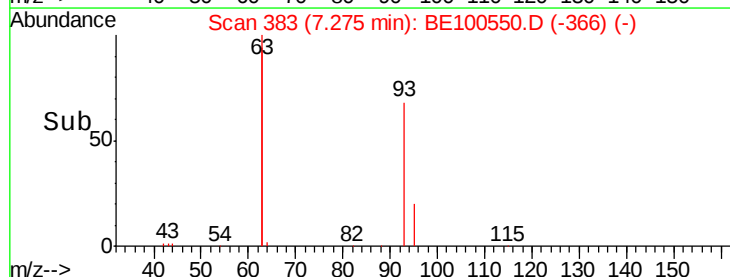
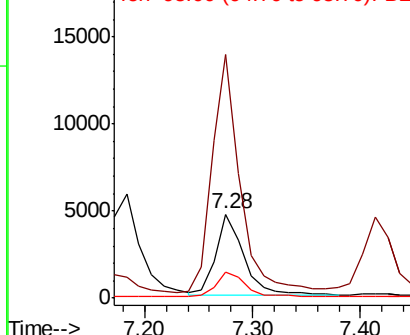
93 100

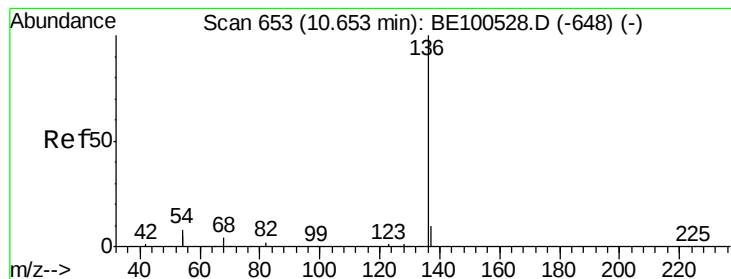
63 286.0 213.4 320.0

95 32.4 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: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 31019

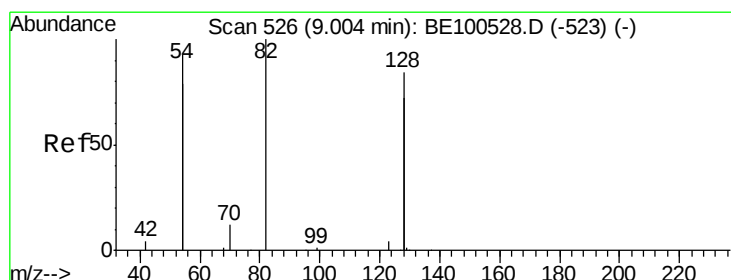
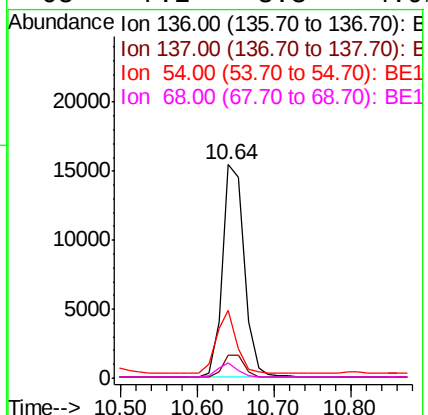
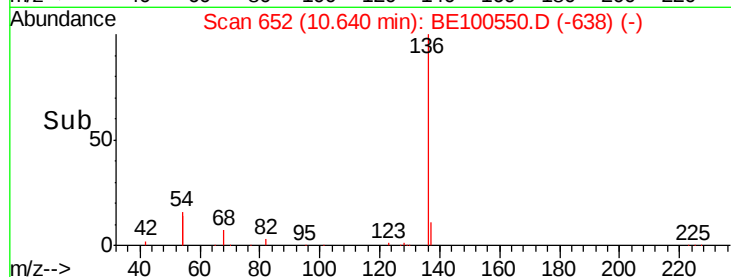
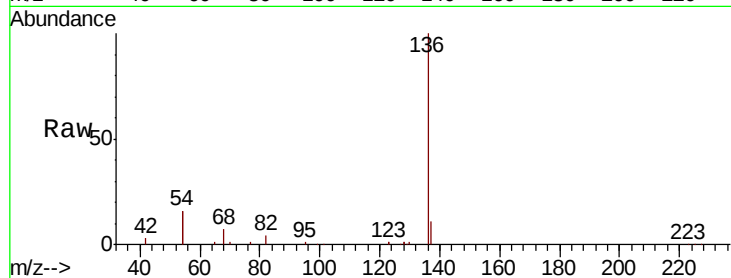
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 31.8 12.4 18.6#

68 7.2 3.3 4.9#



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

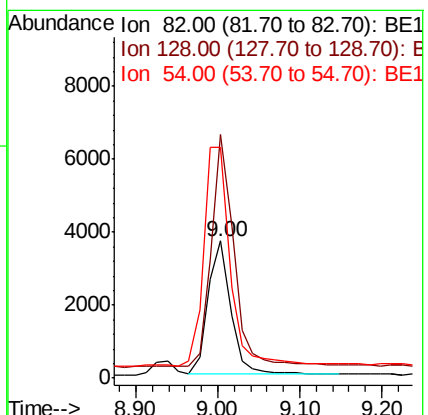
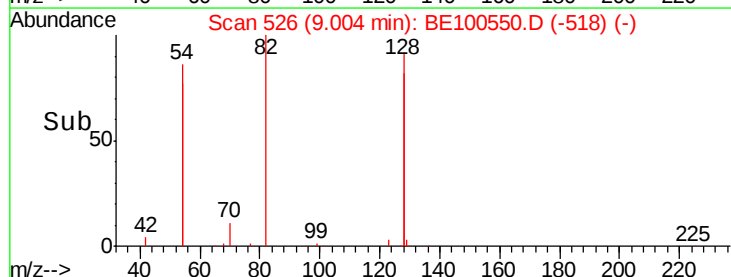
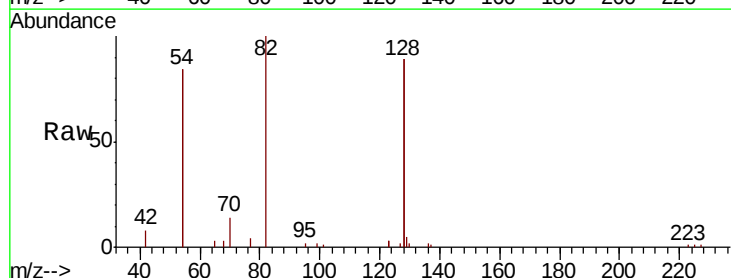
Tgt Ion: 82 Resp: 7101

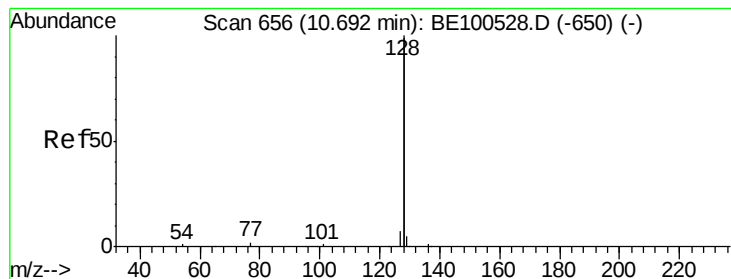
Ion Ratio Lower Upper

82 100

128 177.5 129.4 194.2

54 168.3 143.3 214.9





#9

Naphthalene

Concen: 0.390 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

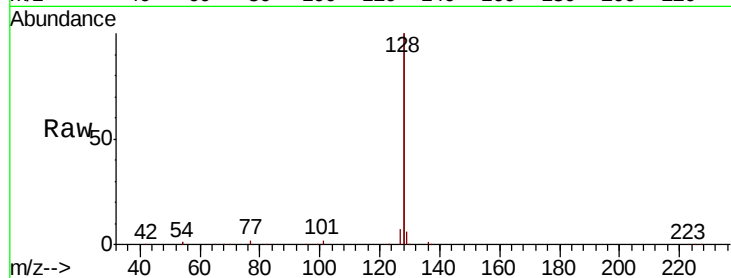
Tot Ion:128 Resp: 125351

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

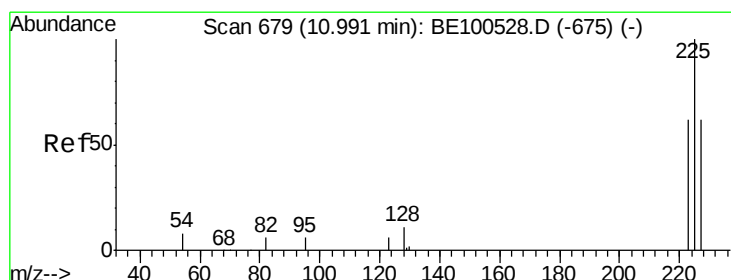
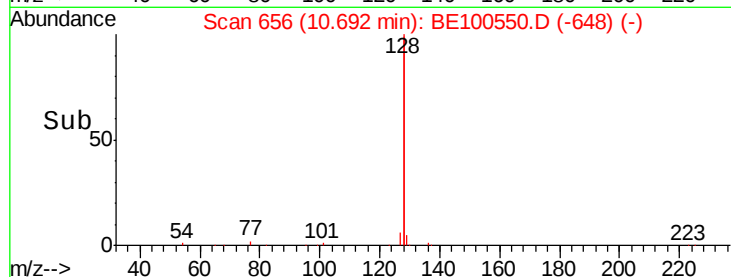
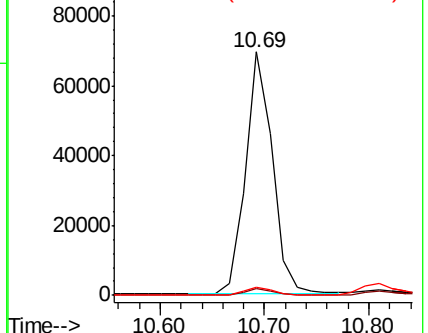
127 3.3 2.7 4.1



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: 0.389 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

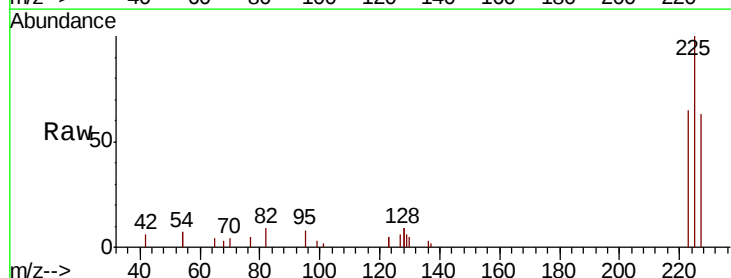
Tgt Ion:225 Resp: 4004

Ion Ratio Lower Upper

225 100

223 61.9 49.7 74.5

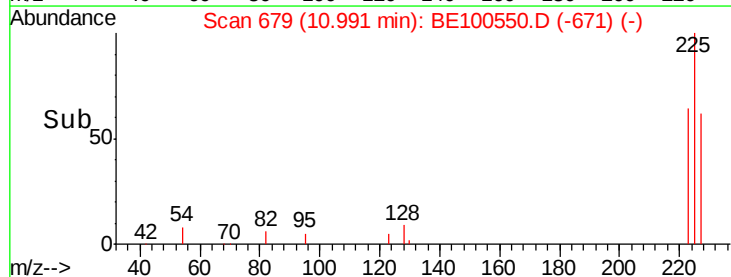
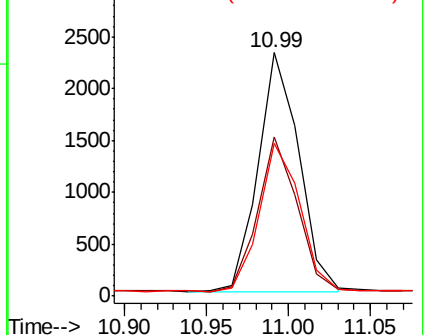
227 61.7 51.4 77.2

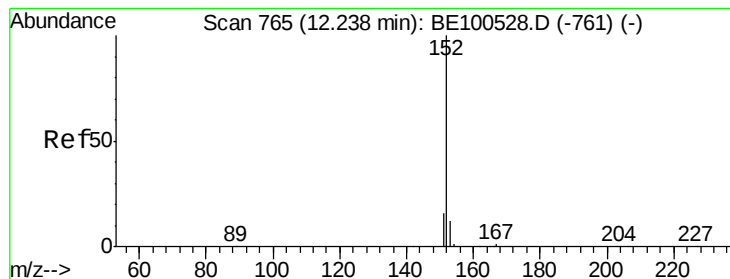


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

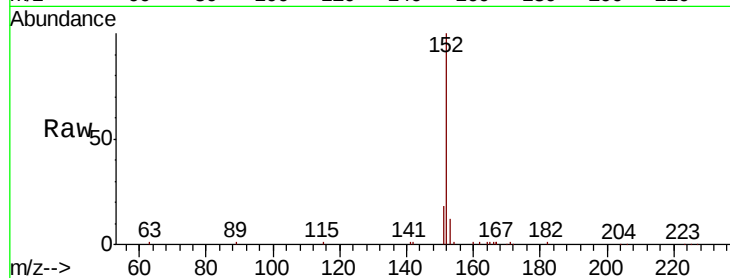
SSTDCCC0.4

Tot Ion:152 Resp: 17897

Ion Ratio Lower Upper

152 100

151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

4000

2000

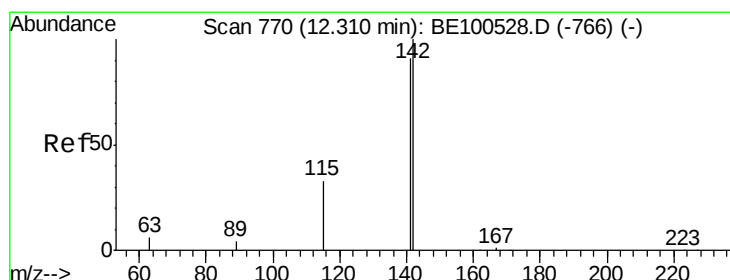
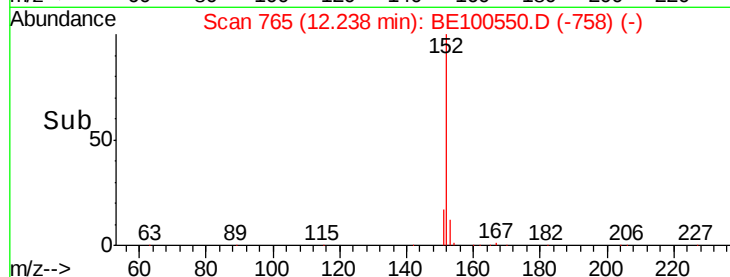
0

12.20

12.24

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

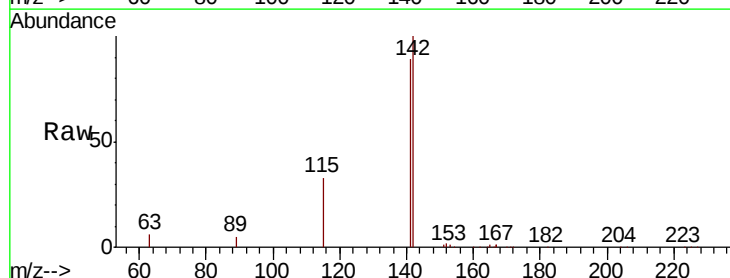
Tgt Ion:142 Resp: 19485

Ion Ratio Lower Upper

142 100

141 89.1 72.5 108.7

115 32.6 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

15000

10000

5000

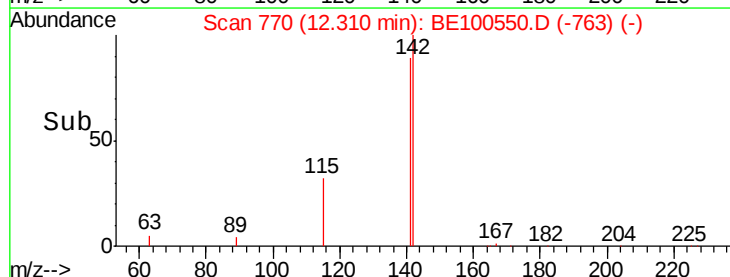
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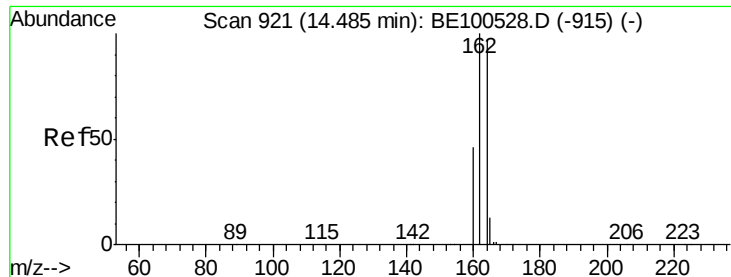
12.20

12.31

12.40

Time-->

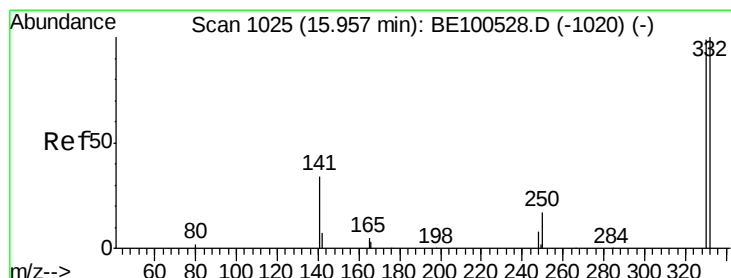
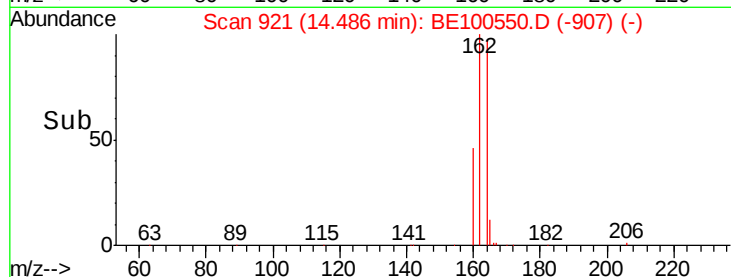
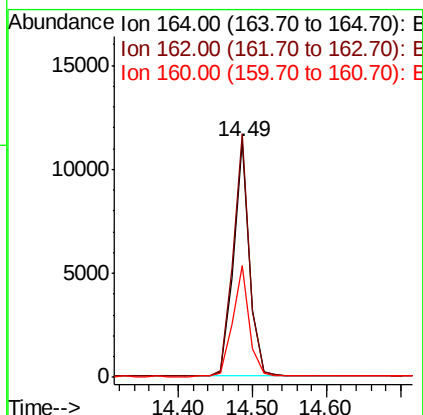
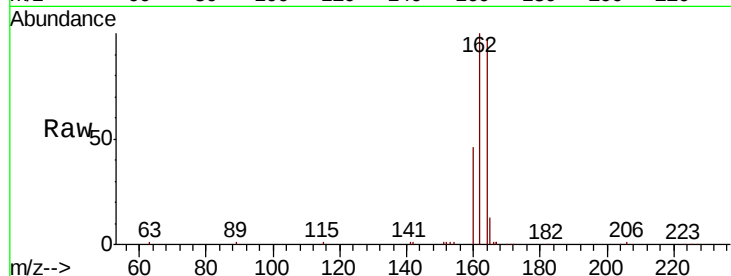




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

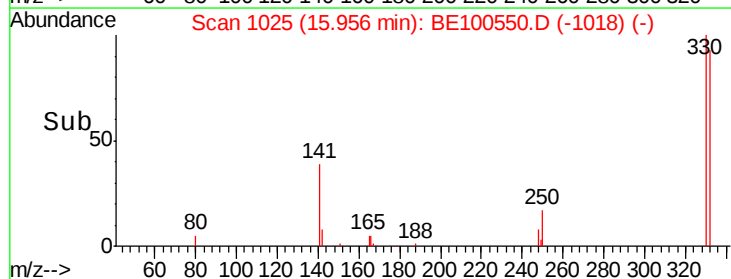
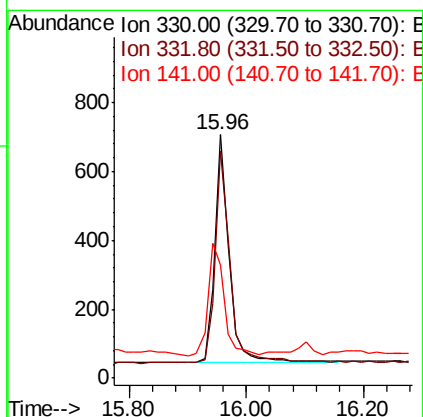
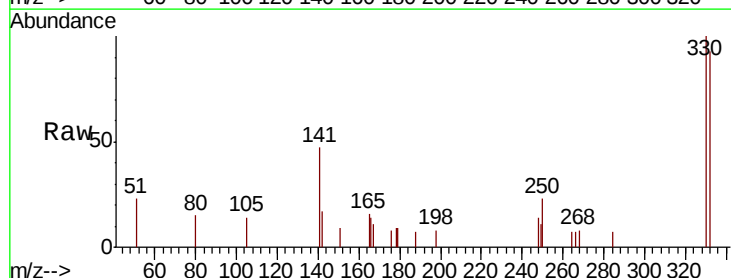
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

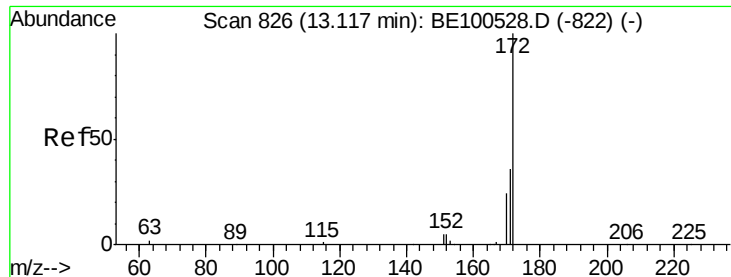
Tot Ion:164 Resp: 17130
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 47.4 37.6 56.4



#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:330 Resp: 1157
Ion Ratio Lower Upper
330 100
332 93.9 75.5 113.3
141 54.5 42.3 63.5

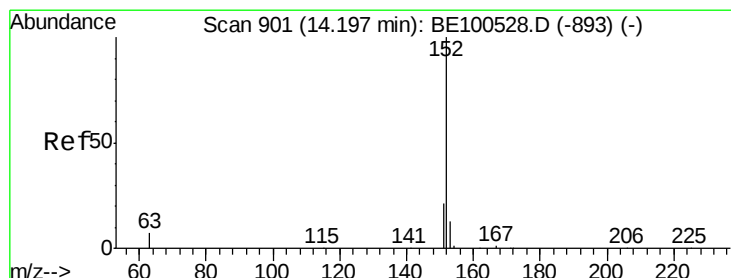
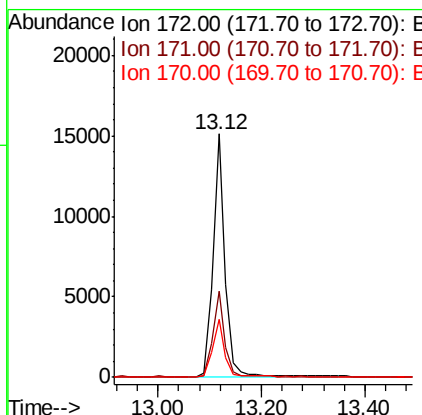
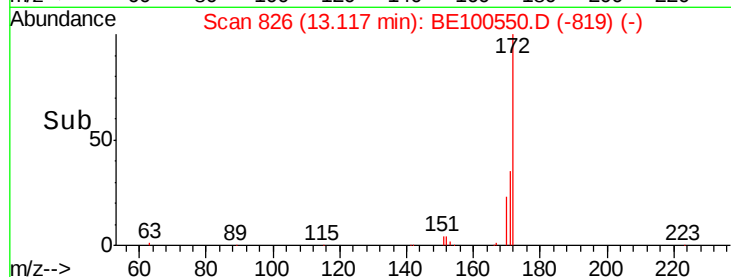
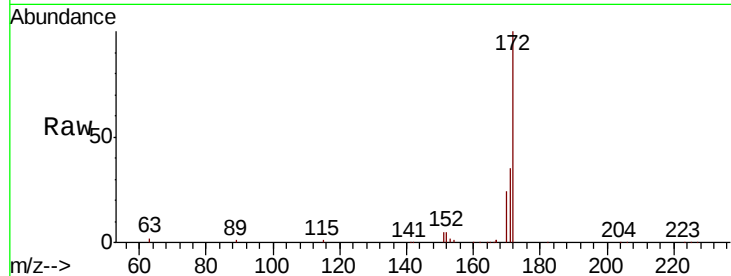




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

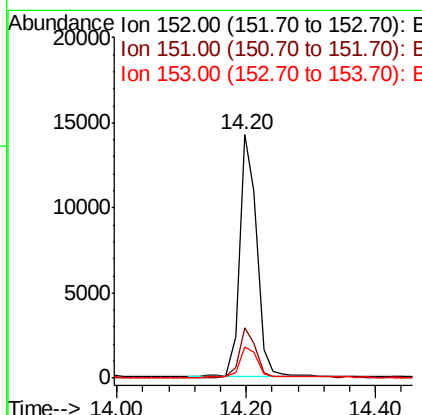
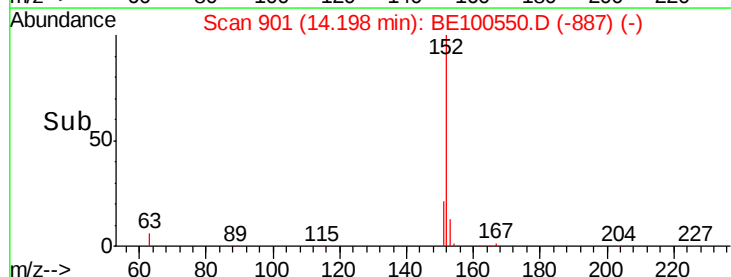
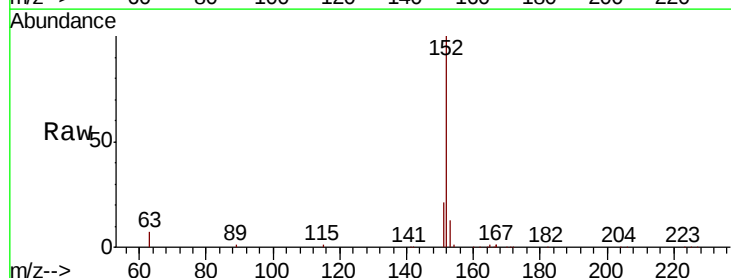
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

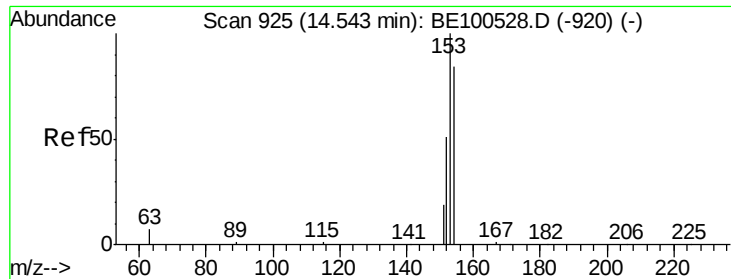
Tot Ion:172 Resp: 24420
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.8 19.4 29.0



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:152 Resp: 26302
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 10.7 16.1





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

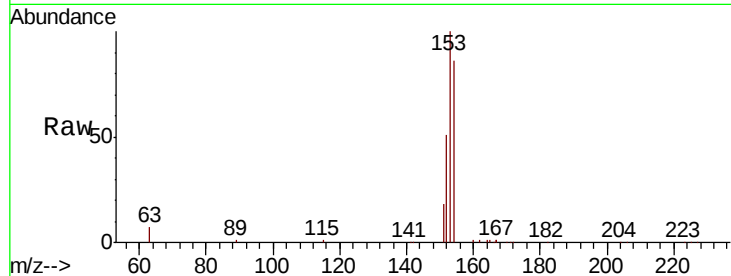
Tot Ion:154 Resp: 18386

Ion Ratio Lower Upper

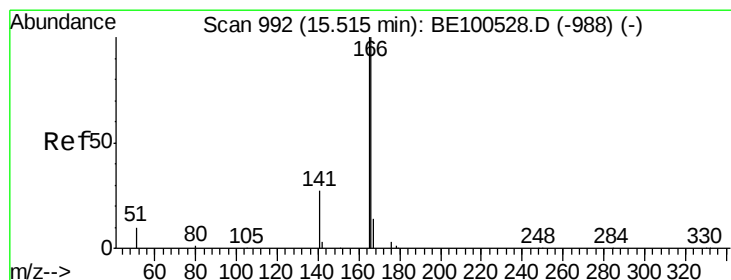
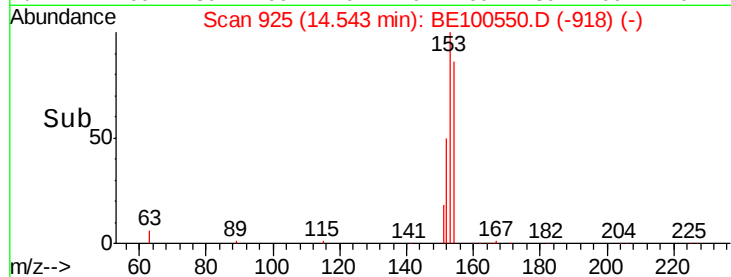
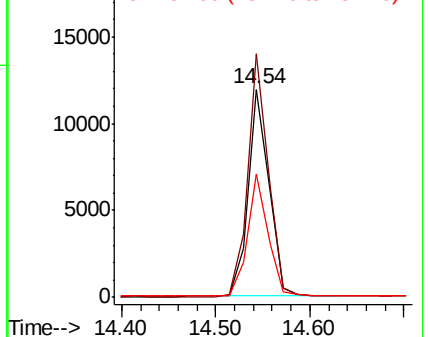
154 100

153 115.5 93.7 140.5

152 58.3 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: 0.382 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

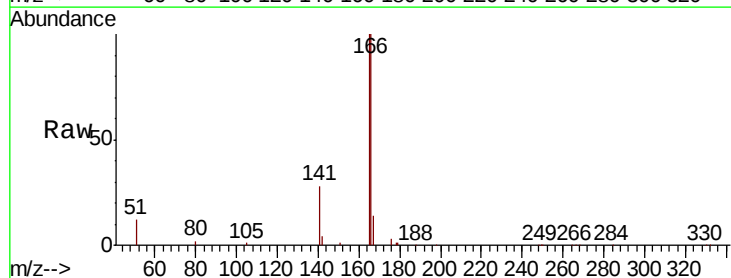
Tgt Ion:166 Resp: 22751

Ion Ratio Lower Upper

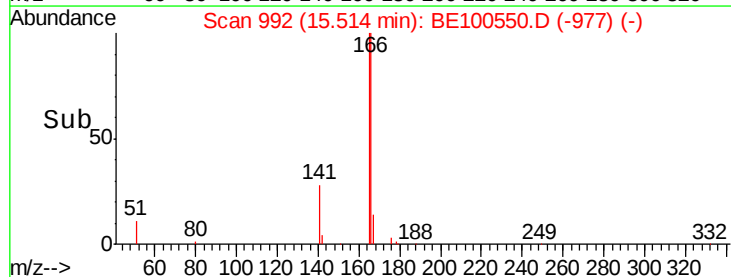
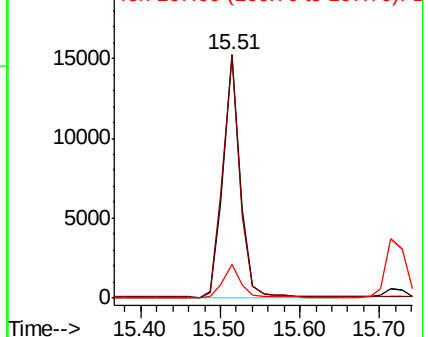
166 100

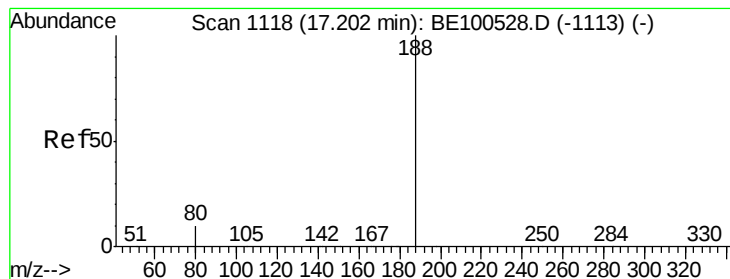
165 100.0 80.1 120.1

167 13.5 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: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

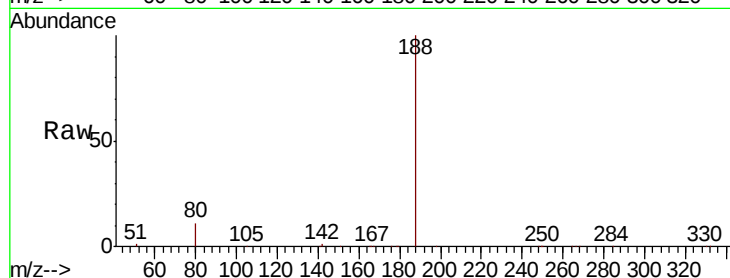
Tot Ion:188 Resp: 37399

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

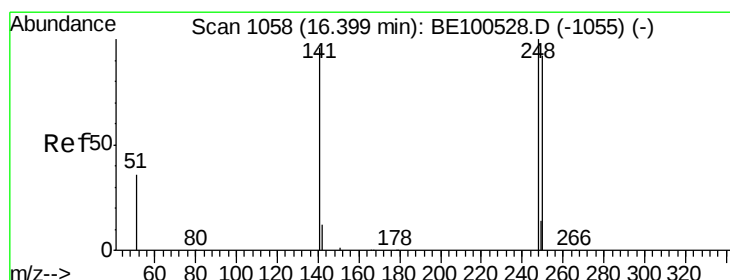
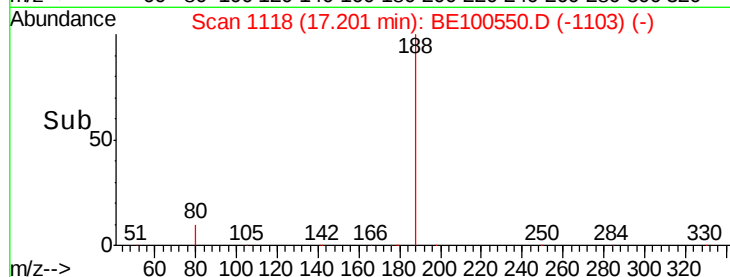
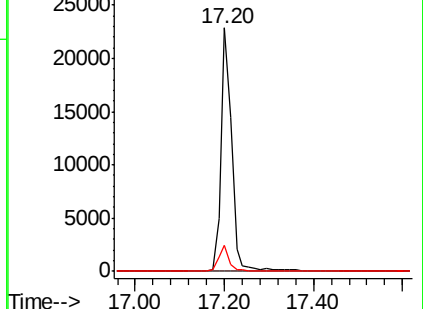
80 10.5 8.0 12.0



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: 0.377 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

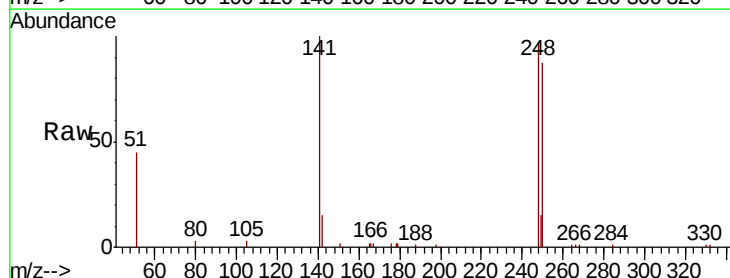
Tgt Ion:248 Resp: 6617

Ion Ratio Lower Upper

248 100

250 89.8 73.5 110.3

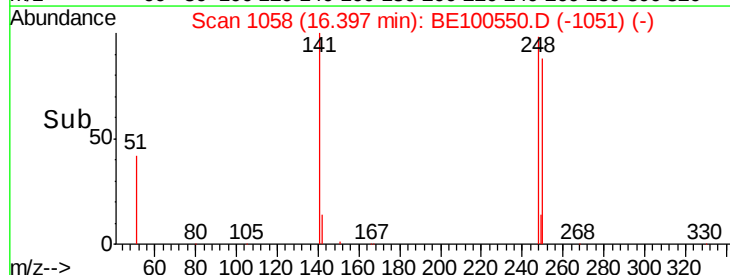
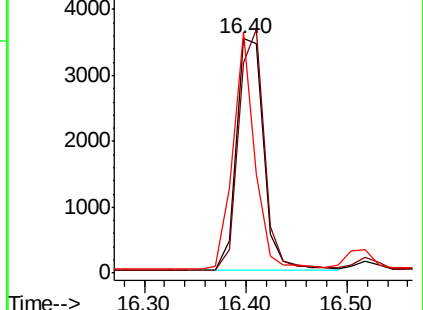
141 102.8 77.0 115.4

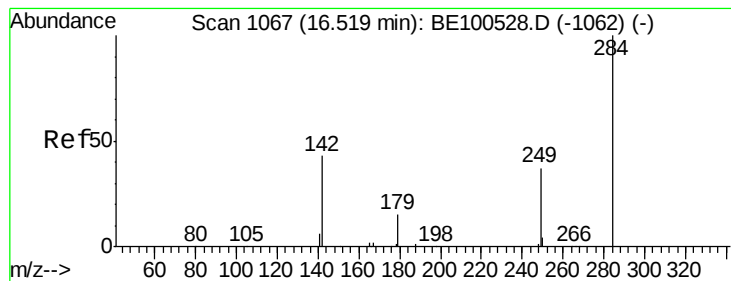


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

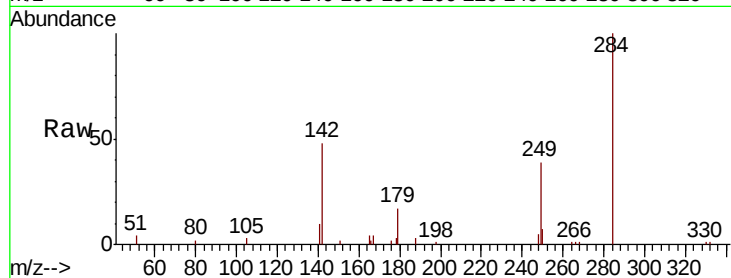
Tot Ion:284 Resp: 5763

Ion Ratio Lower Upper

284 100

142 49.1 39.0 58.6

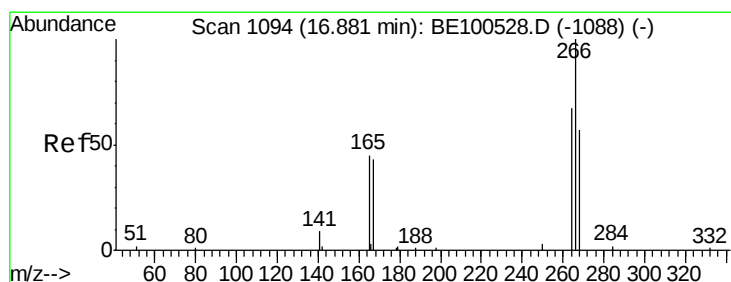
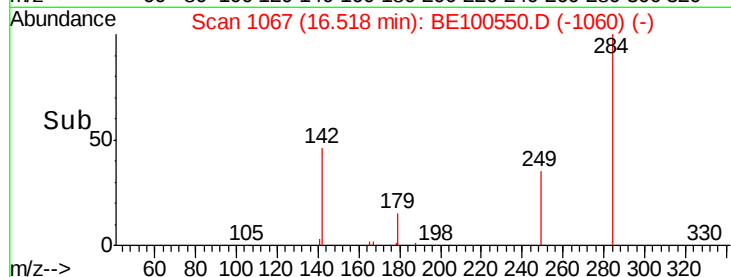
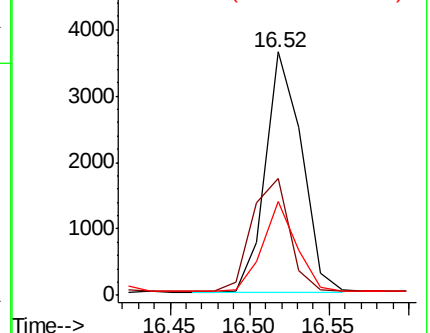
249 34.9 28.2 42.2



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: 0.469 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

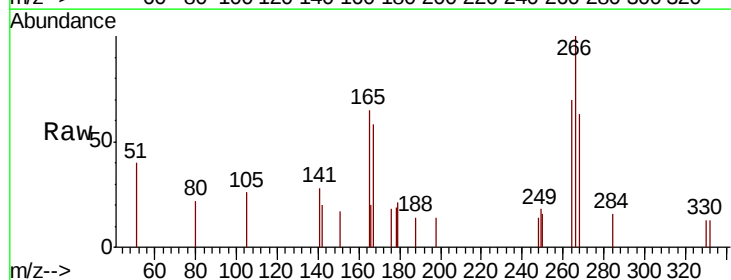
Tgt Ion:266 Resp: 1077

Ion Ratio Lower Upper

266 100

264 69.9 57.6 86.4

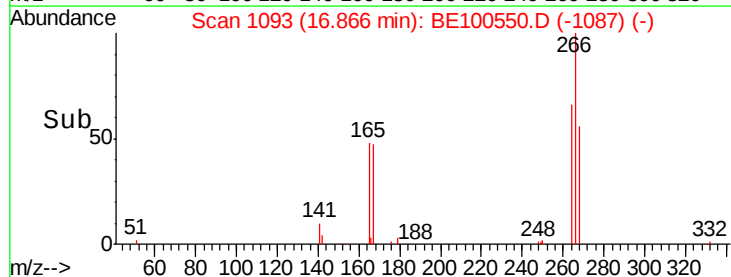
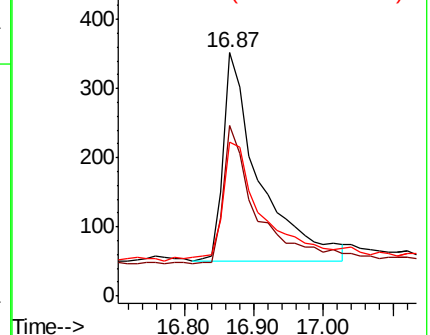
268 63.1 55.1 82.7

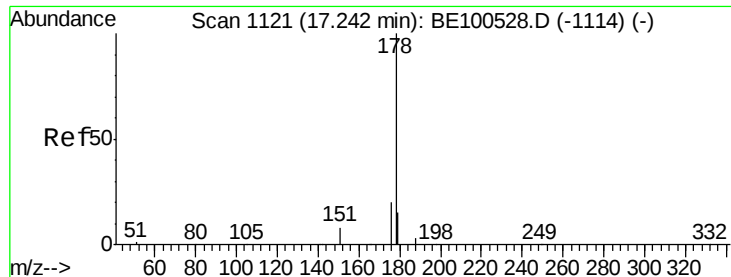


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

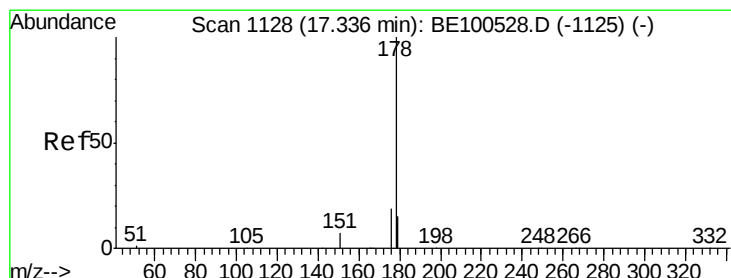
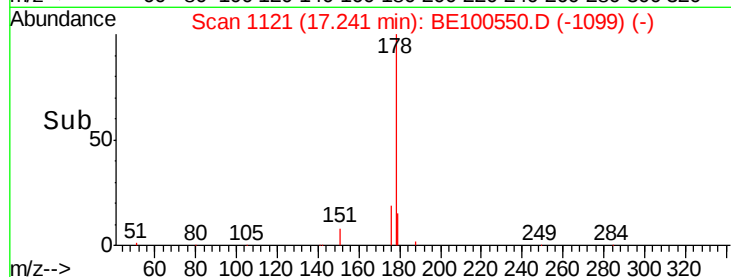
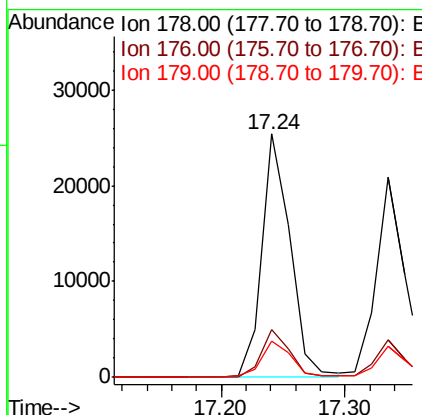
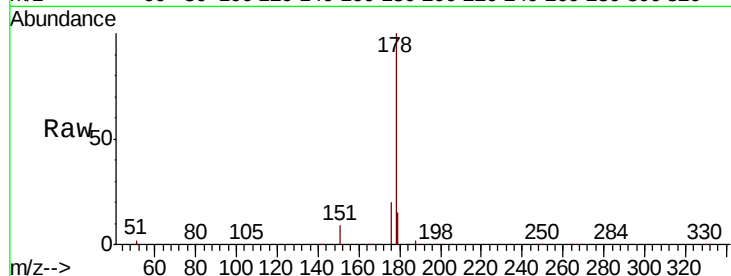




#23
Phenanthrene
Concen: 0.382 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

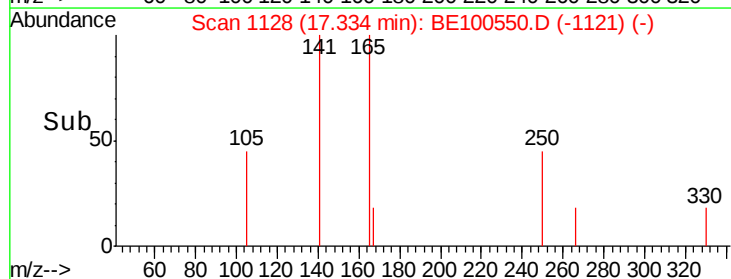
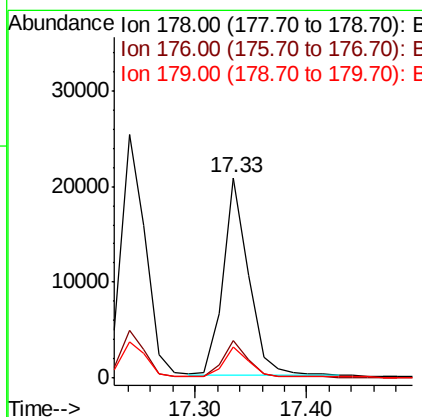
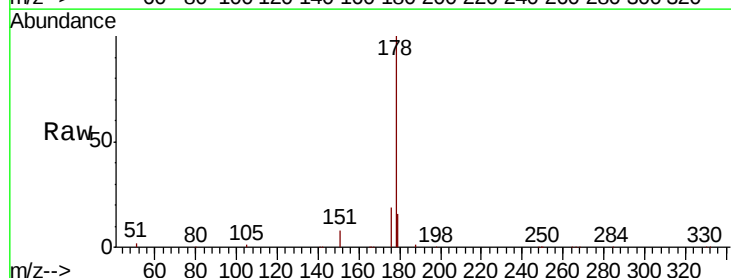
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

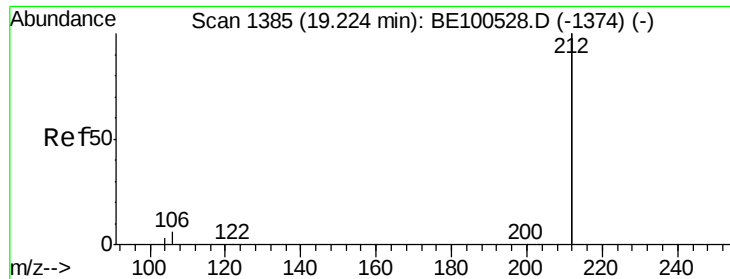
Tot Ion:178 Resp: 39784
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.6 18.8



#24
Anthracene
Concen: 0.370 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:178 Resp: 32488
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.4 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

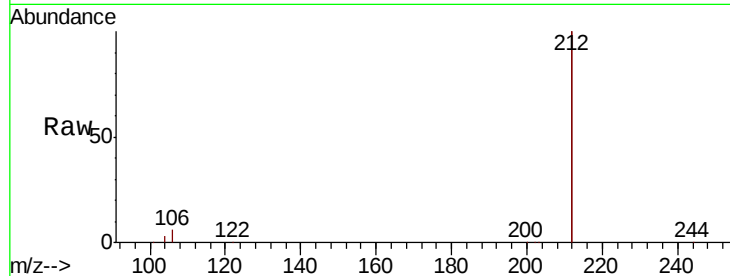
Tot Ion:212 Resp: 164210

Ion Ratio Lower Upper

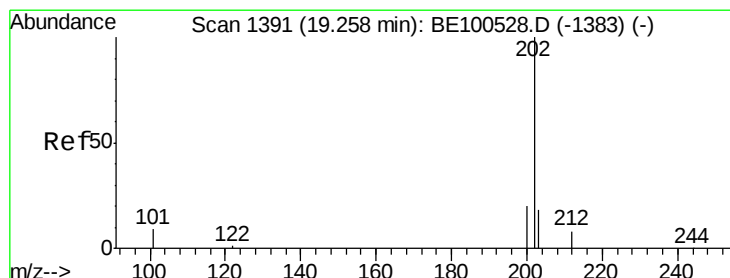
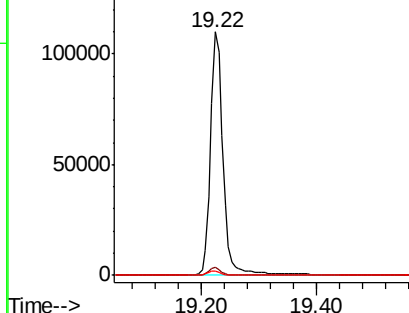
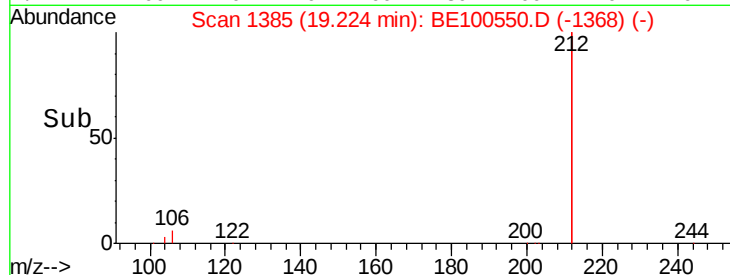
212 100

106 2.9 2.3 3.5

104 1.6 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
150000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.370 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

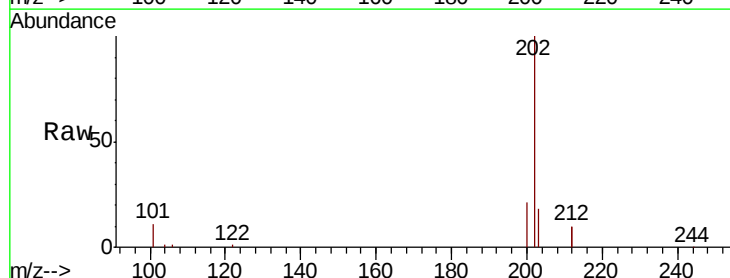
Tgt Ion:202 Resp: 46458

Ion Ratio Lower Upper

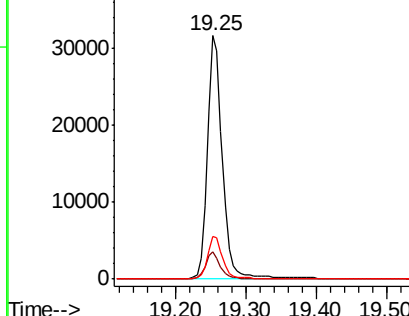
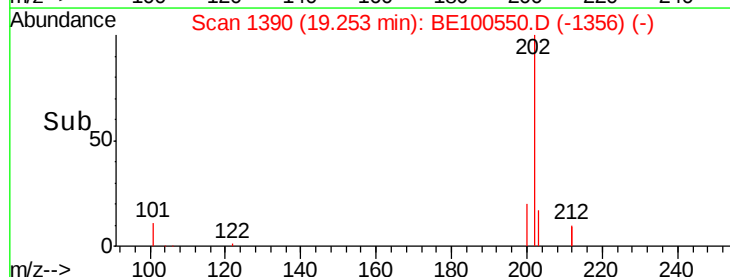
202 100

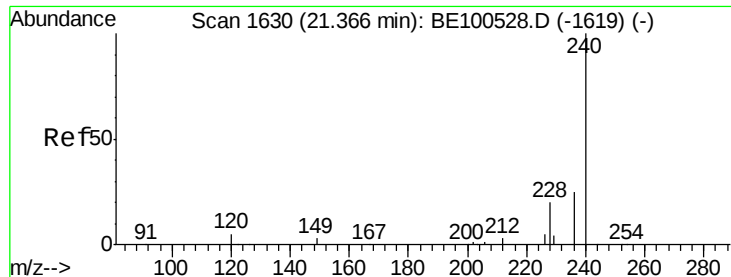
101 10.9 8.8 13.2

203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
40000
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: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

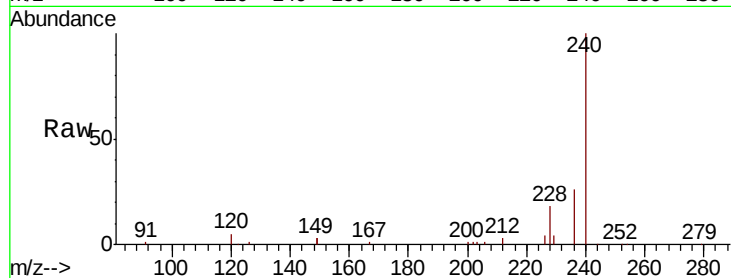
Tot Ion:240 Resp: 38994

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

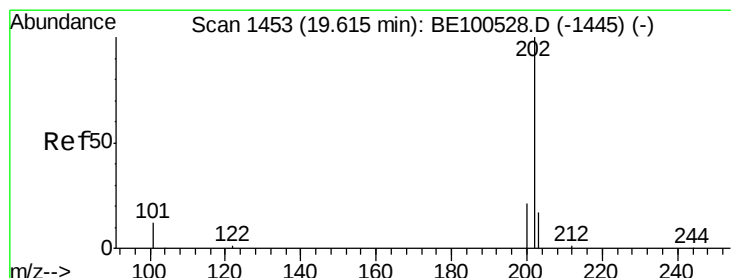
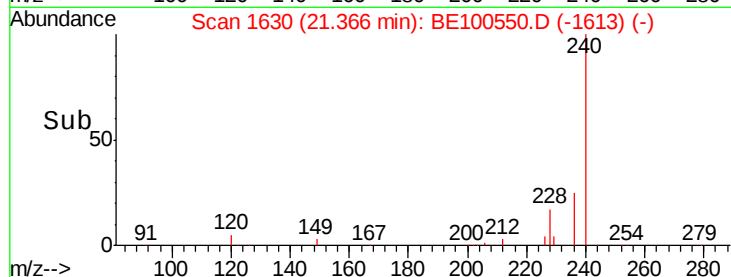
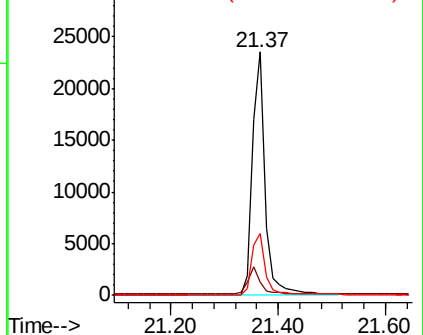
236 25.6 20.6 30.8



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: 0.414 ng

RT: 19.61 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

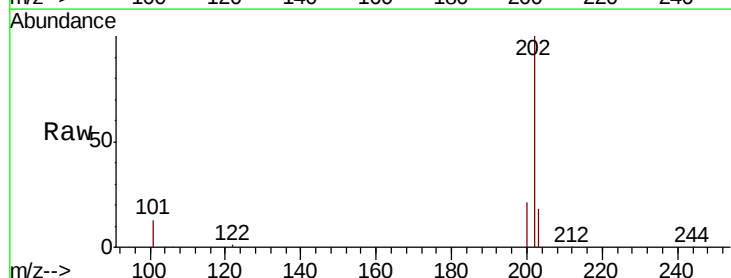
Tgt Ion:202 Resp: 46474

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

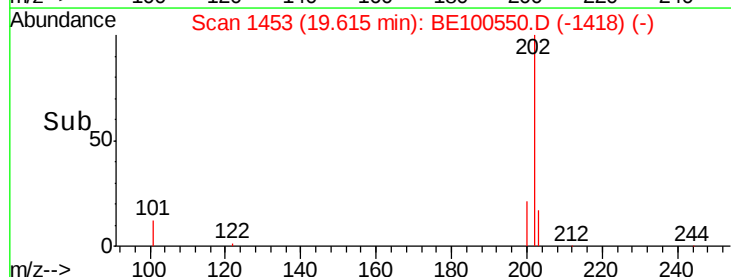
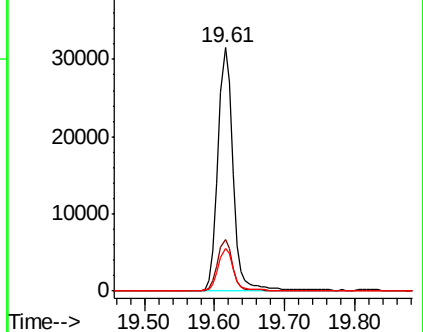
203 17.6 14.0 21.0

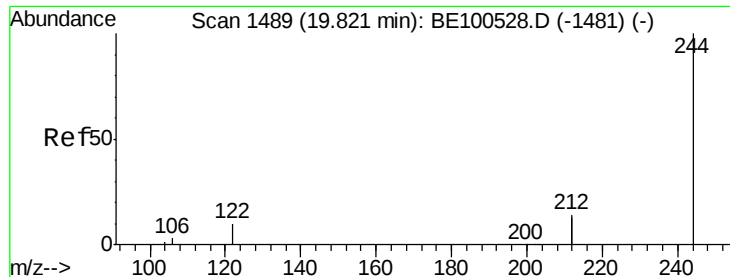


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

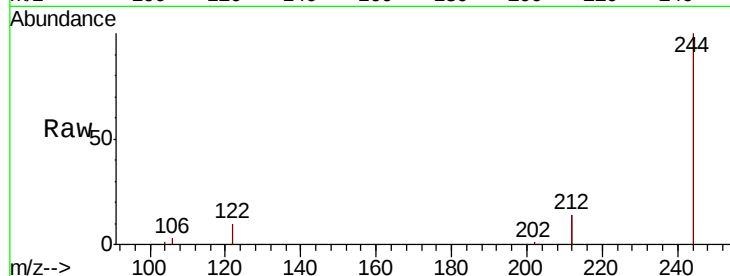
Tot Ion:244 Resp: 38062

Ion Ratio Lower Upper

244 100

212 28.0 22.2 33.2

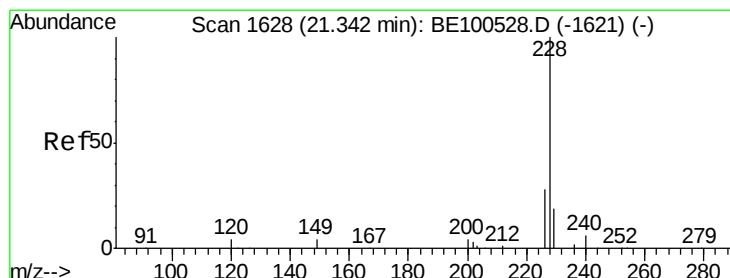
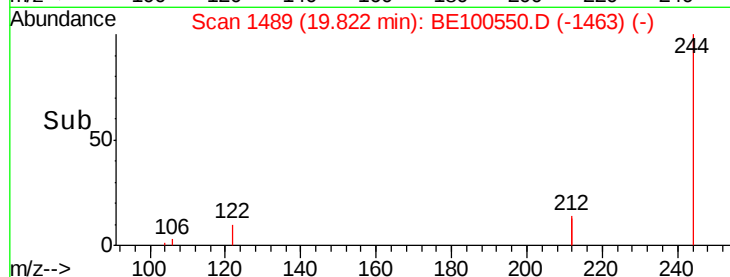
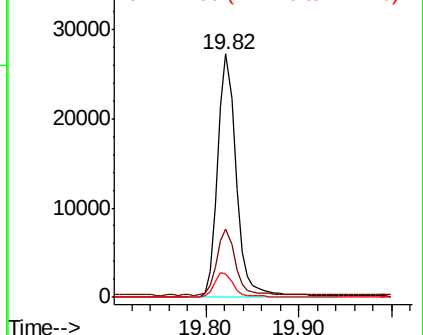
122 9.9 8.3 12.5



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: 0.419 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

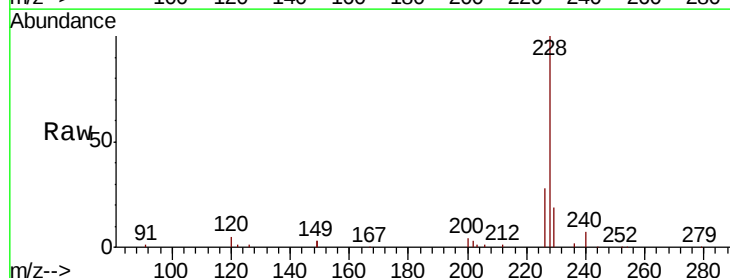
Tgt Ion:228 Resp: 43676

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

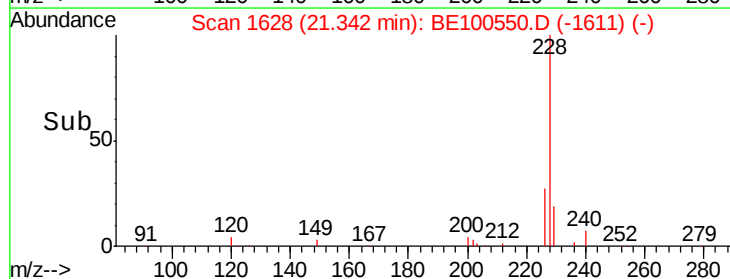
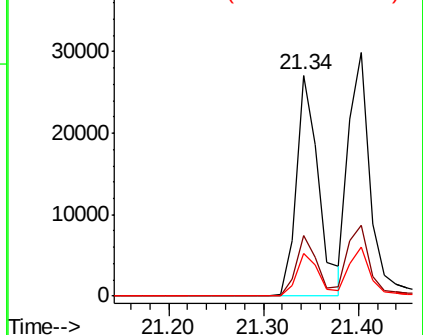
229 19.3 15.4 23.2

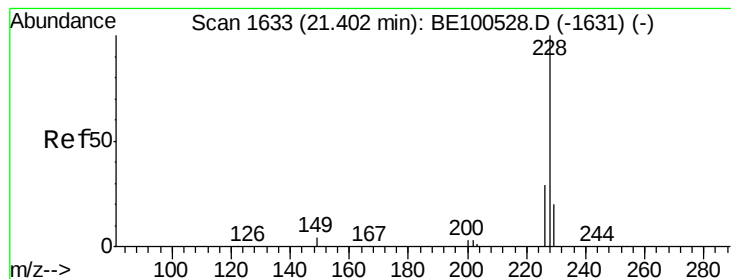


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.387 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

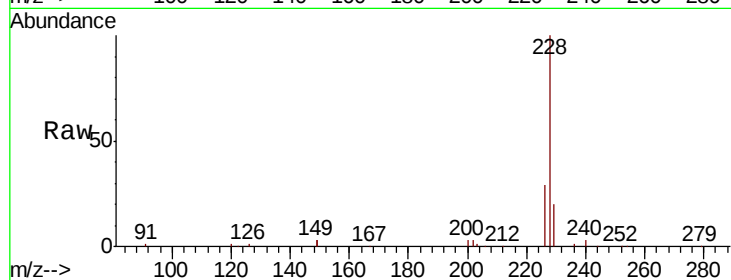
Tot Ion:228 Resp: 45955

Ion Ratio Lower Upper

228 100

226 29.2 23.3 34.9

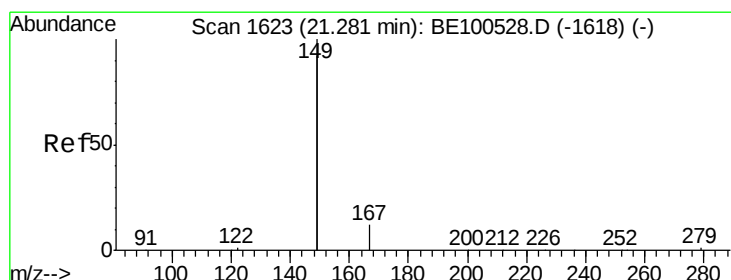
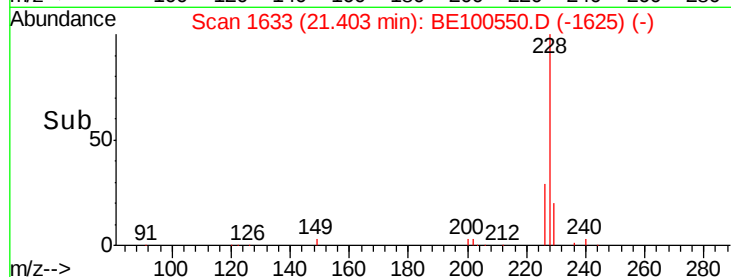
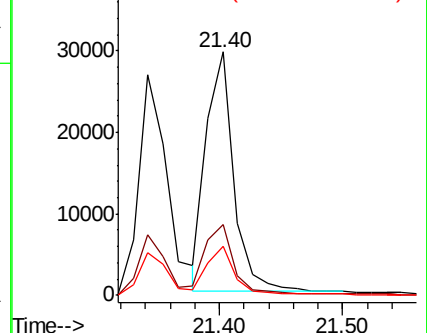
229 20.4 16.3 24.5



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: 0.464 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

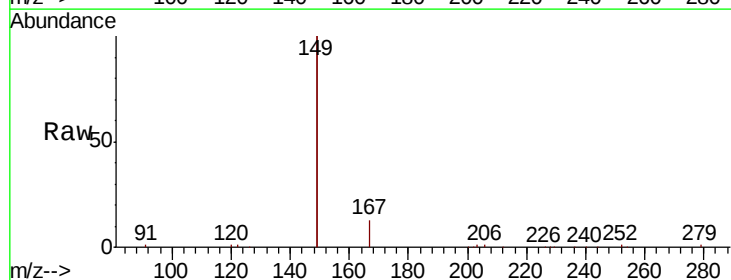
Tgt Ion:149 Resp: 52081

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

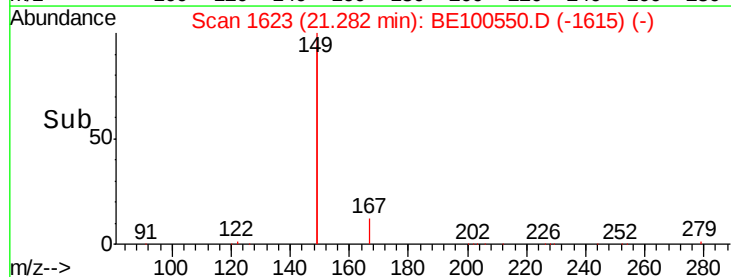
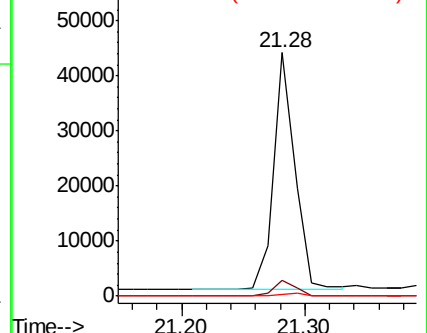
279 1.2 1.0 1.4

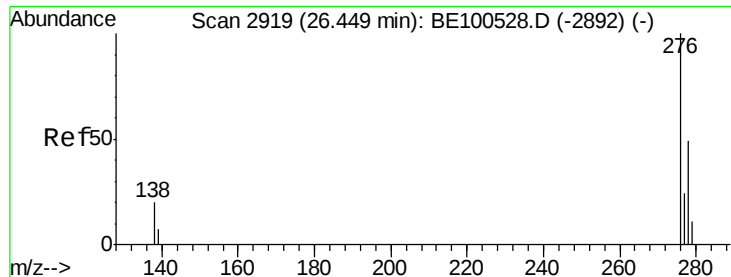


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

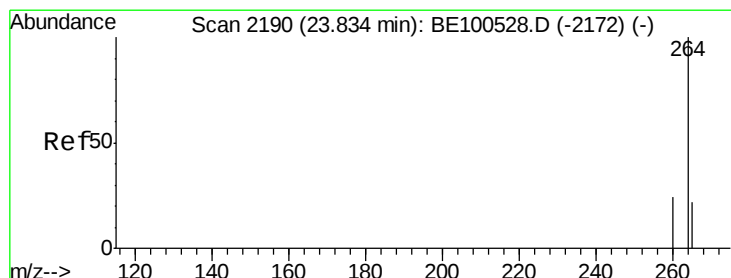
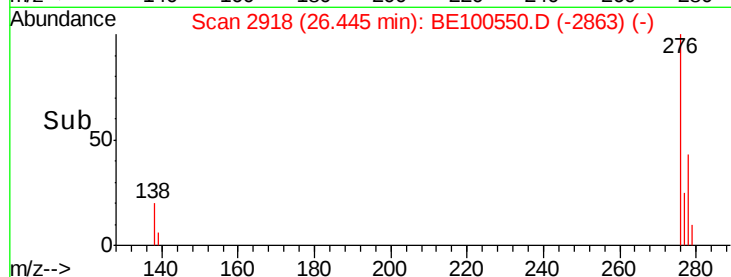
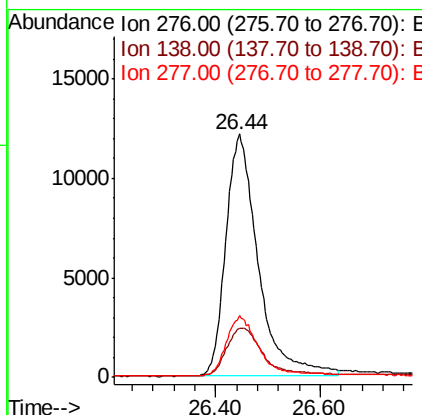
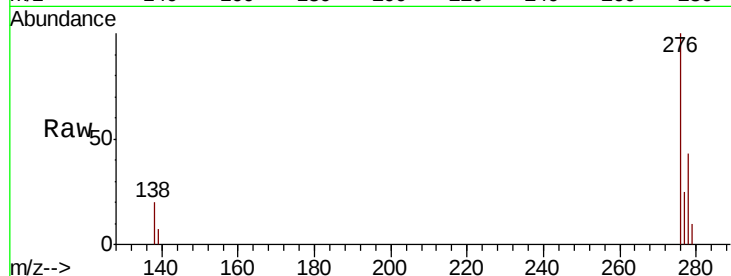




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.398 ng
 RT: 26.44 min Scan# 2918
 Delta R.T. -0.00 min
 Lab File: BE100550.D
 Acq: 25 Sep 2019 9:40

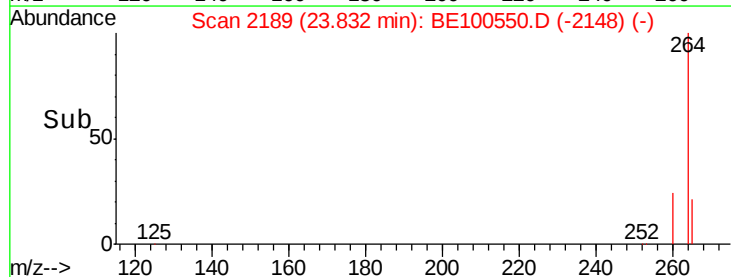
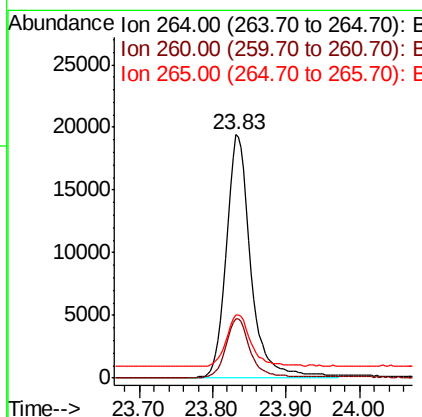
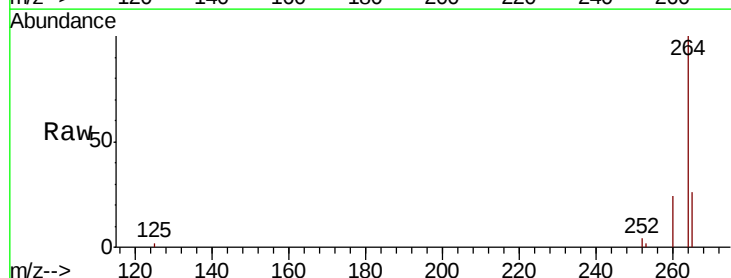
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

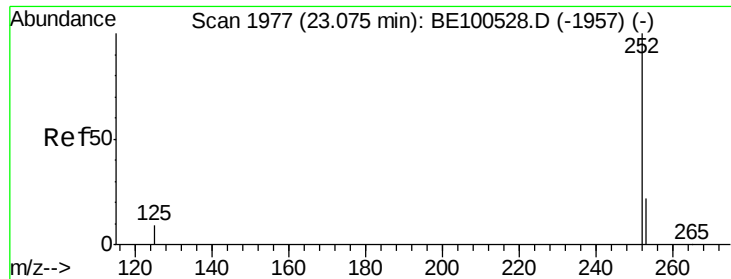
Tot Ion:276 Resp: 52572
 Ion Ratio Lower Upper
 276 100
 138 22.2 17.7 26.5
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BE100550.D
 Acq: 25 Sep 2019 9:40

Tgt Ion:264 Resp: 45247
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 25.8 21.8 32.8

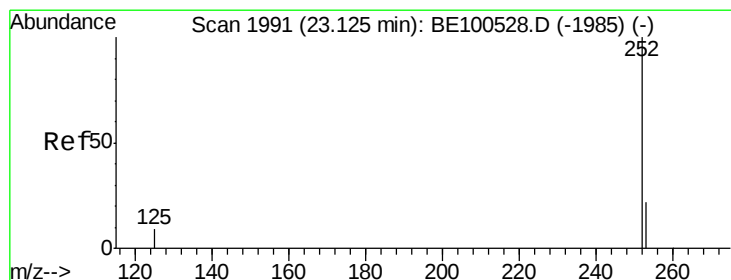
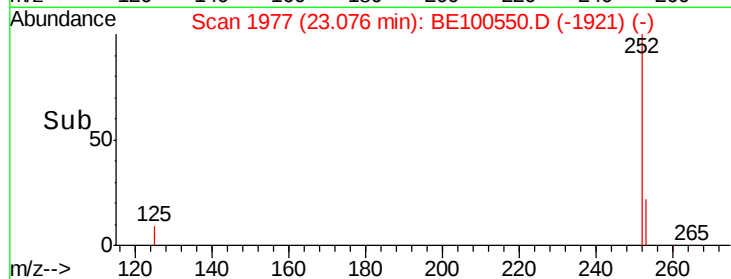
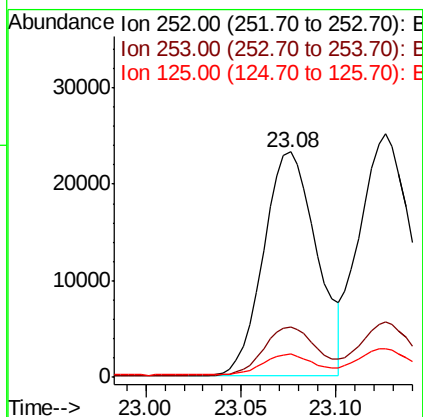
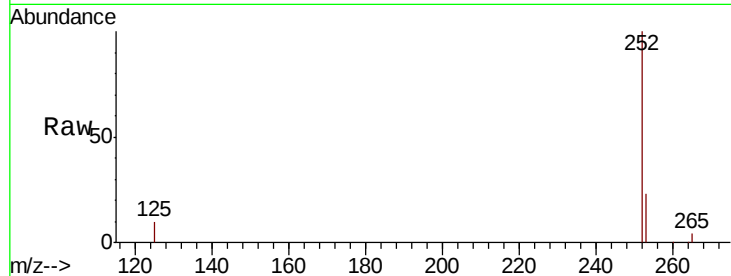




#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

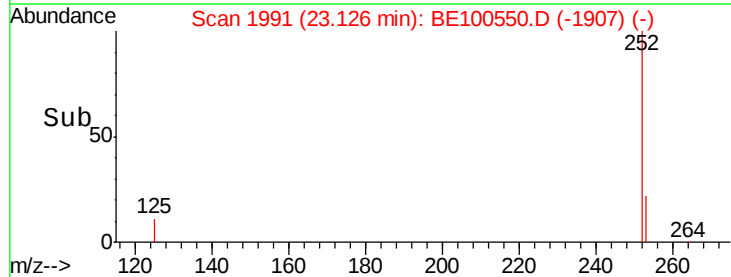
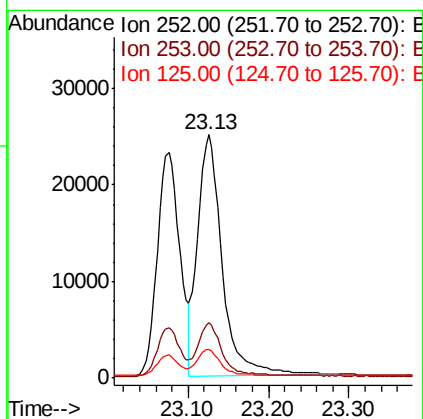
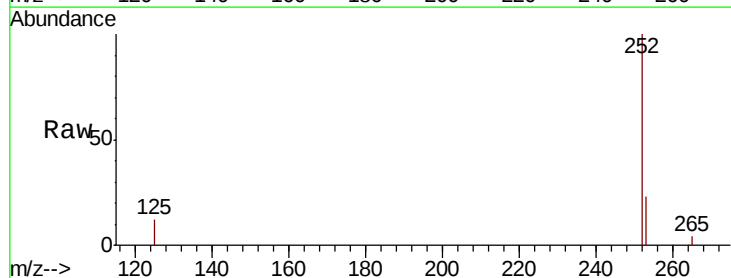
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

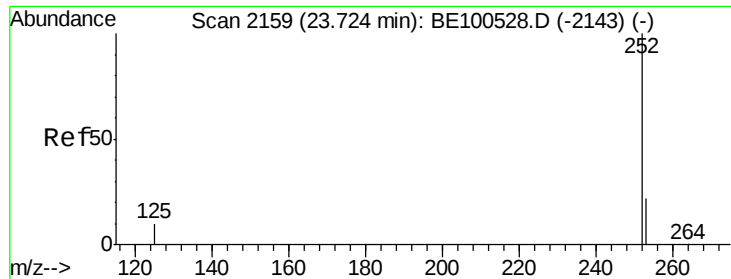
Tot Ion:252 Resp: 45279
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.2 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:252 Resp: 52890
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 11.5 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.72 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

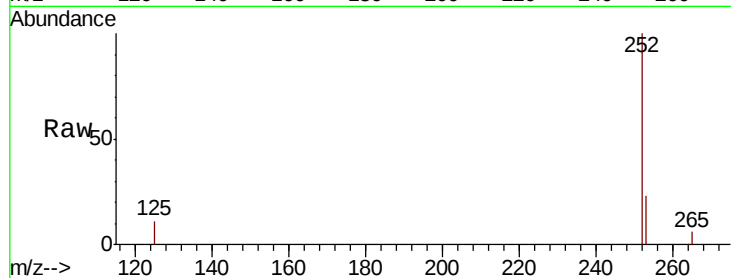
Tot Ion:252 Resp: 42089

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

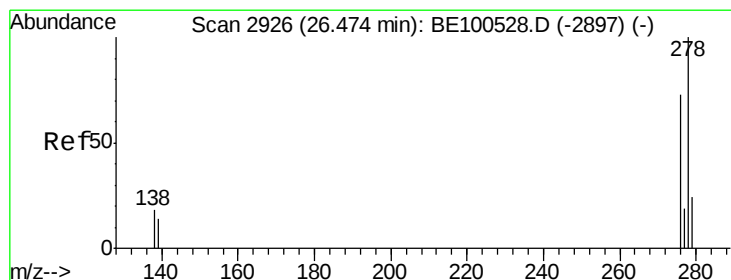
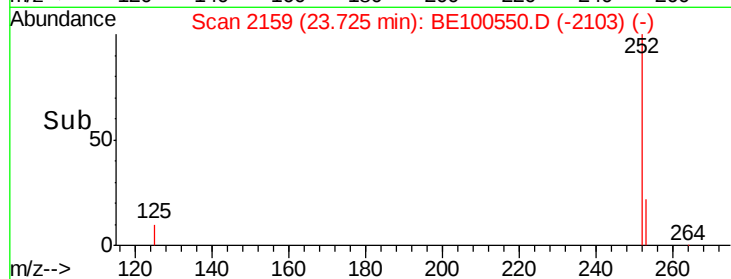
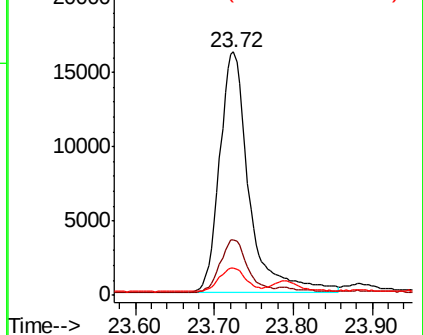
125 11.4 9.2 13.8



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: 0.364 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

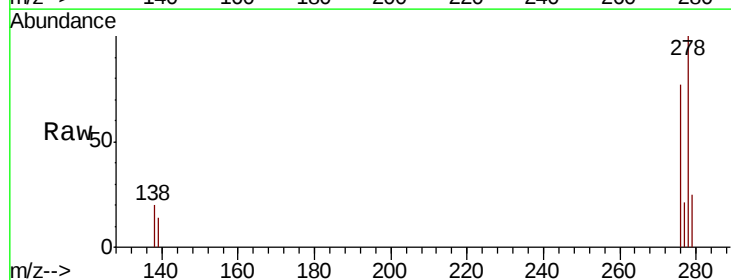
Tgt Ion:278 Resp: 43296

Ion Ratio Lower Upper

278 100

139 14.2 11.6 17.4

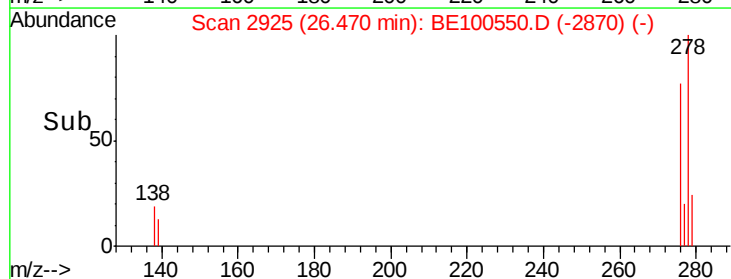
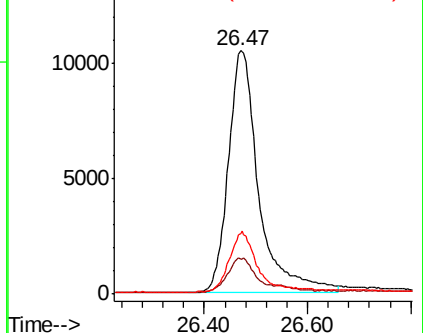
279 25.0 19.7 29.5

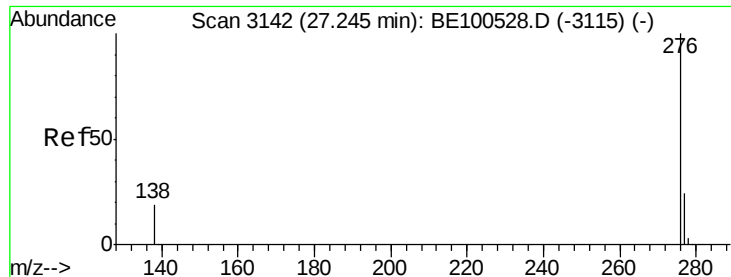


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.373 ng

RT: 27.24 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE100550.D

Acq: 25 Sep 2019 9:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

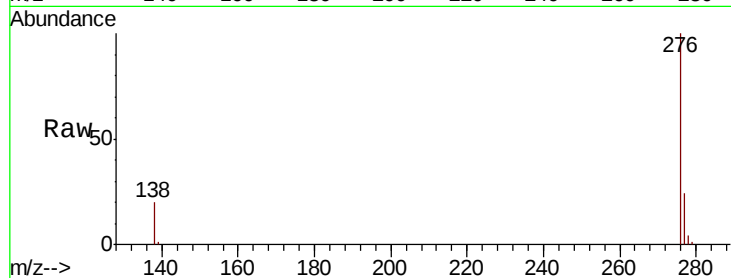
Tot Ion: 276 Resp: 46383

Ion Ratio Lower Upper

276 100

277 24.4 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

