

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
 Data File : BE100533.D
 Acq On : 20 Sep 2019 18:32
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092019

Quant Time: Sep 20 19:09:32 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	6276	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	28976	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	16167	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	36095	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39472	0.40	ng	0.00
34) Perylene-d12	23.83	264	44972	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	5662	0.39	ng	0.00
5) Phenol-d6	7.01	99	7591	0.38	ng	-0.01
8) Nitrobenzene-d5	9.00	82	6207	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16635	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	929	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	23143	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	158708	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	36776	0.39	ng	0.00

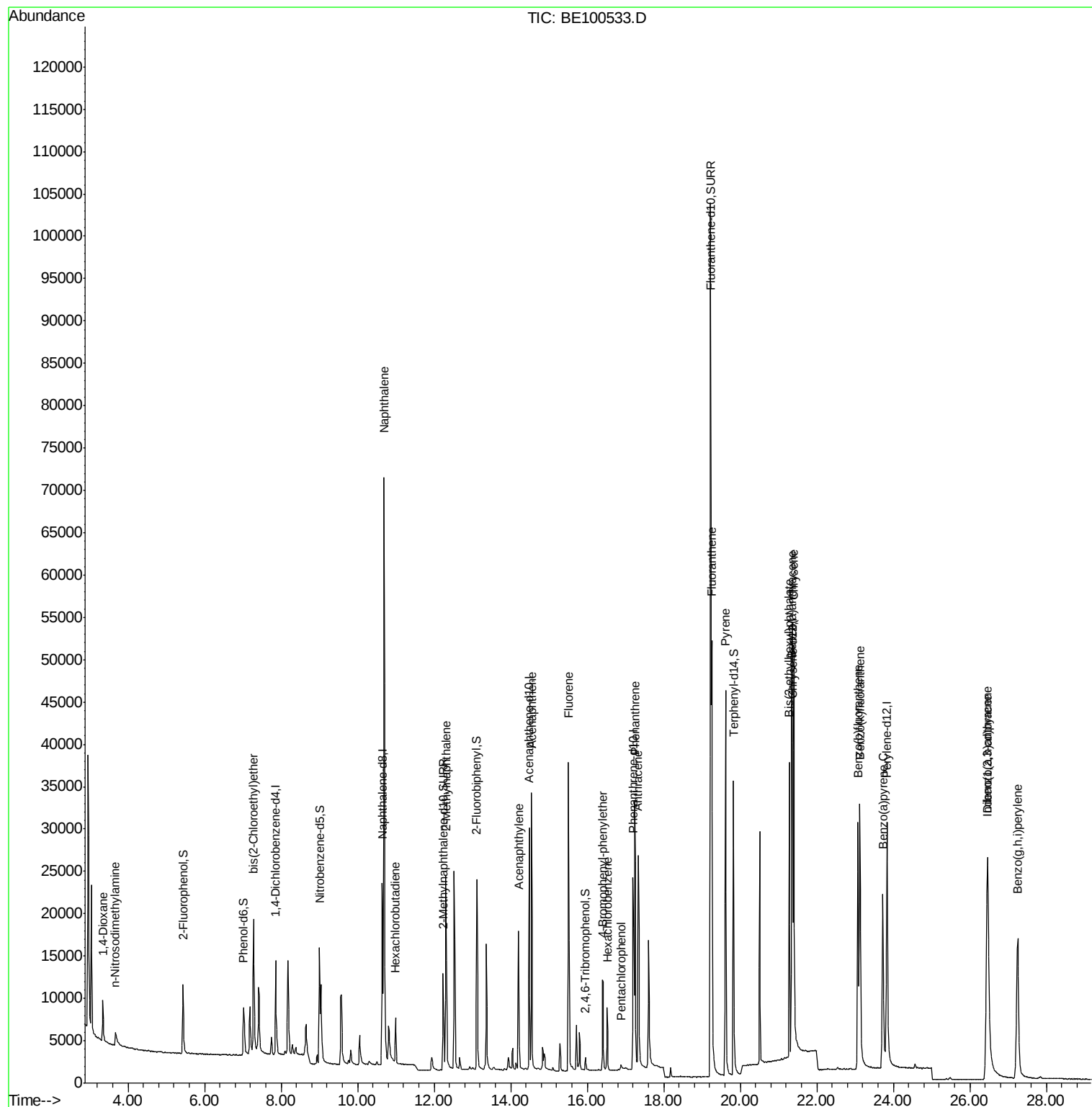
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3534	0.390	ng	95
3) n-Nitrosodimethylamine	3.67	42	1771	0.333	ng	# 93
6) bis(2-Chloroethyl)ether	7.28	93	8022	0.394	ng	99
9) Naphthalene	10.69	128	117722	0.392	ng	100
10) Hexachlorobutadiene	10.99	225	3773	0.393	ng	99
12) 2-Methylnaphthalene	12.31	142	18108	0.379	ng	100
16) Acenaphthylene	14.21	152	24472	0.368	ng	99
17) Acenaphthene	14.54	154	17218	0.383	ng	98
18) Fluorene	15.51	166	21607	0.384	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	6356	0.375	ng	# 69
21) Hexachlorobenzene	16.52	284	5679	0.384	ng	98
22) Pentachlorophenol	16.88	266	792	0.400	ng	98
23) Phenanthrene	17.24	178	37855	0.376	ng	99
24) Anthracene	17.33	178	29949	0.354	ng	99
26) Fluoranthene	19.25	202	44944	0.371	ng	100
28) Pyrene	19.62	202	45173	0.398	ng	100
30) Benzo(a)anthracene	21.34	228	37292	0.354	ng	99
31) Chrysene	21.40	228	48263	0.402	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	39469	0.347	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	51716	0.387	ng	100
35) Benzo(b)fluoranthene	23.08	252	42555	0.350	ng	100
36) Benzo(k)fluoranthene	23.13	252	54426	0.387	ng	100
37) Benzo(a)pyrene	23.72	252	40367	0.356	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	42533	0.360	ng	100
39) Benzo(g,h,i)perylene	27.25	276	45923	0.372	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: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

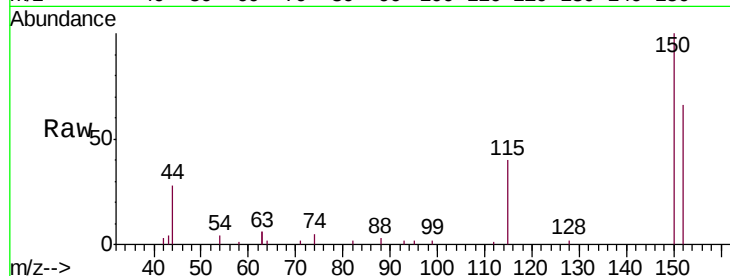
Tgt Ion:152 Resp: 6276

Ion Ratio Lower Upper

152 100

150 151.0 121.6 182.4

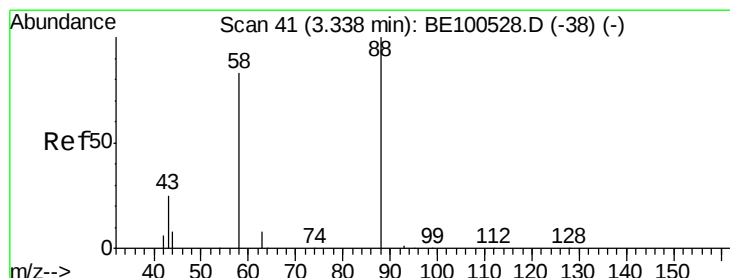
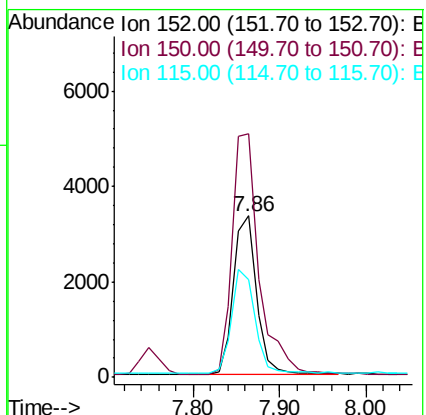
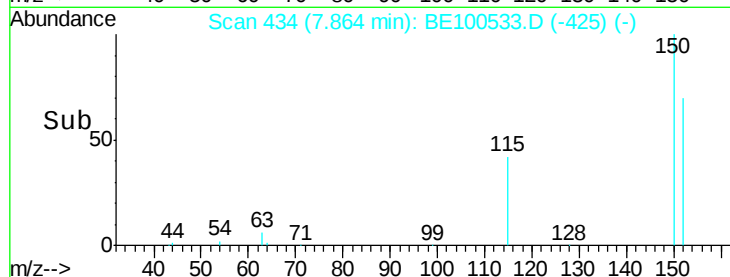
115 60.5 48.2 72.4



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: 0.390 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

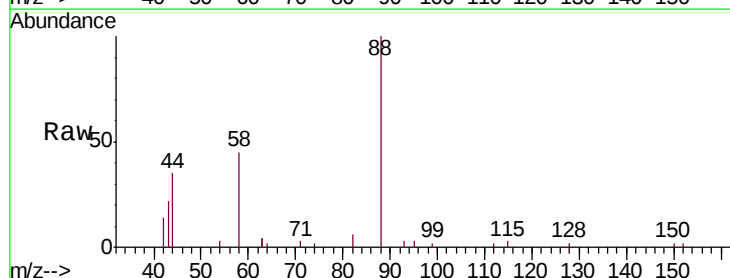
Tgt Ion: 88 Resp: 3534

Ion Ratio Lower Upper

88 100

58 70.3 53.3 79.9

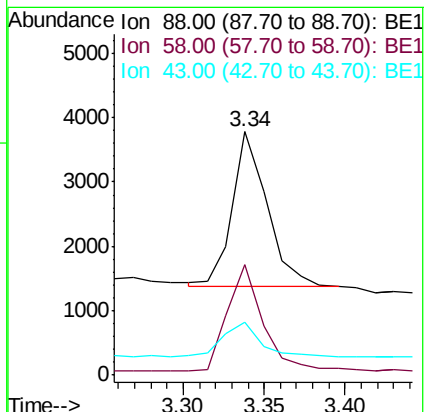
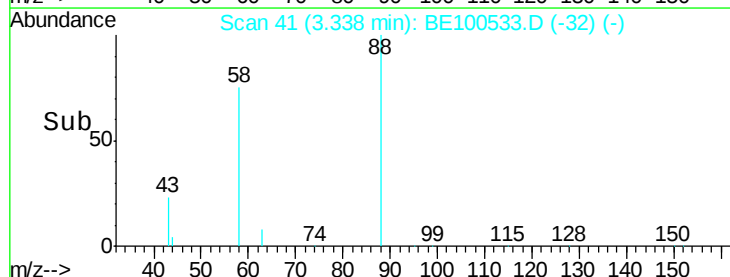
43 24.3 16.9 25.3

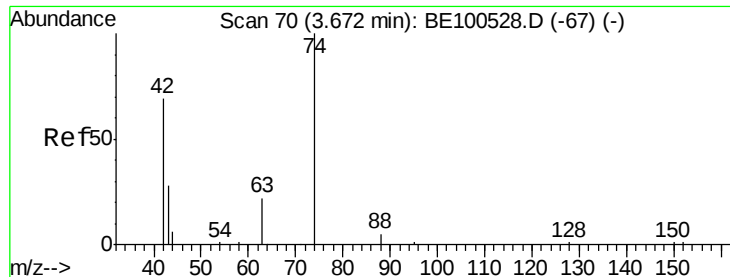


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.333 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

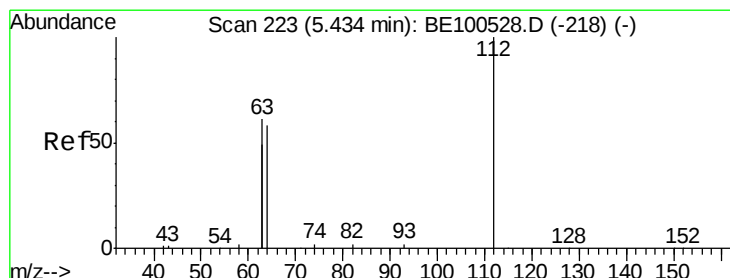
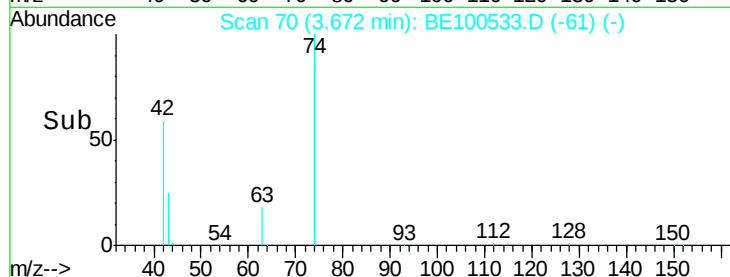
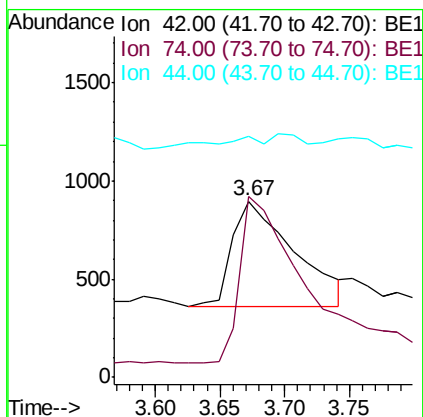
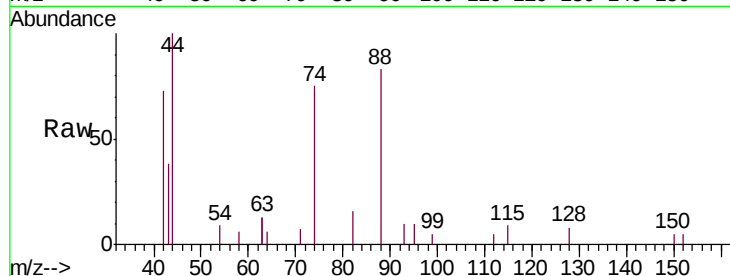
Instrument :

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Tgt Ion:	42	Resp:	1771
Ion	Ratio	Lower	Upper
42	100		
74	158.8	133.8	200.6
44	0.0	6.4	9.6#



#4

2-Fluorophenol

Concen: 0.385 ng

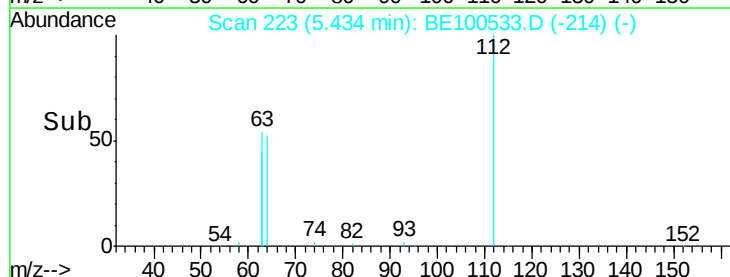
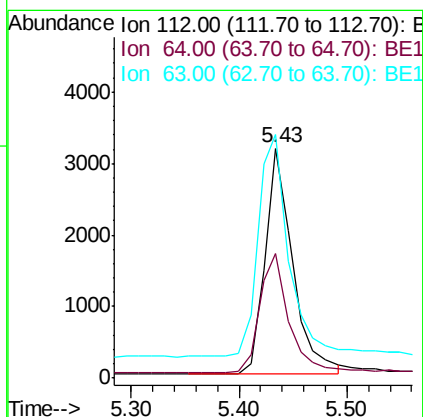
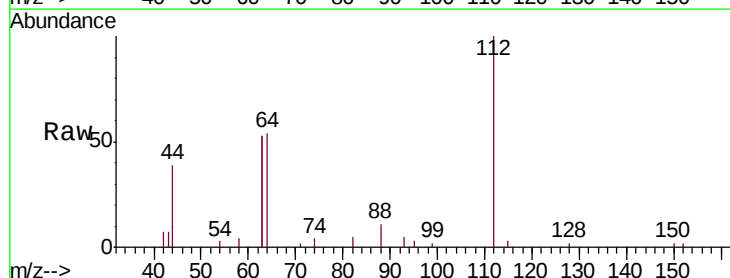
RT: 5.43 min Scan# 223

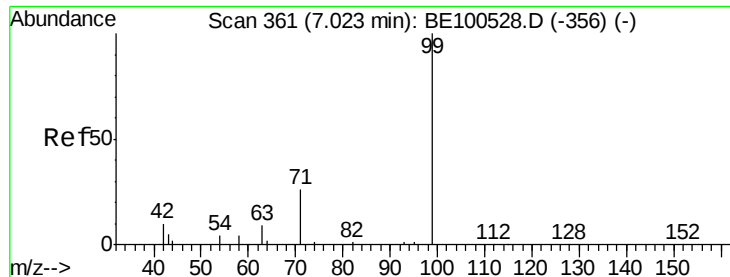
Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Tgt Ion:	112	Resp:	5662
Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.1	66.1
63	107.7	86.5	129.7





#5

Phenol-d6

Concen: 0.377 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.01 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

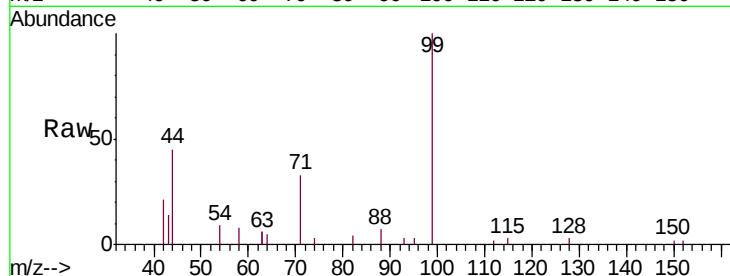
Tgt Ion: 99 Resp: 7591

Ion Ratio Lower Upper

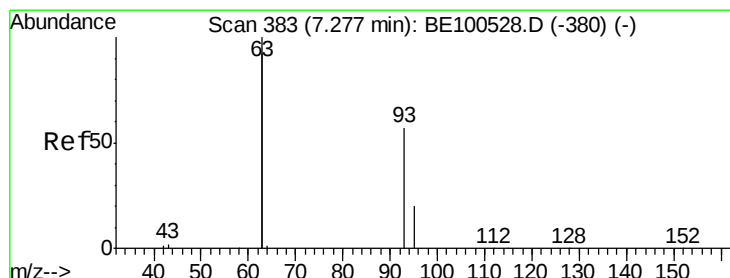
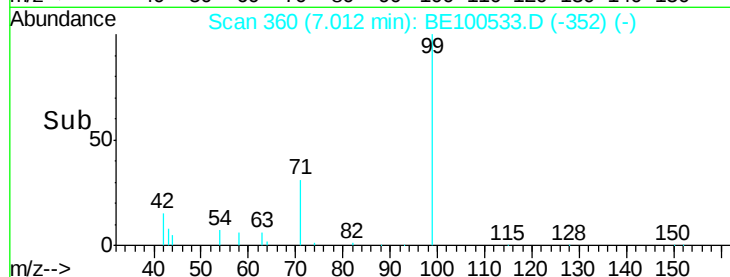
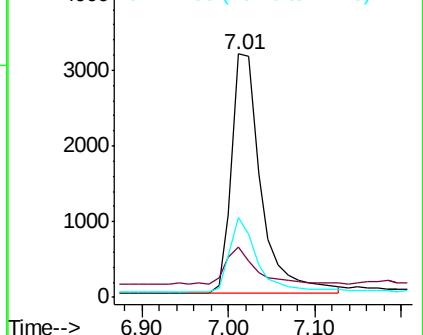
99 100

42 15.1 13.0 19.6

71 28.5 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: 0.394 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

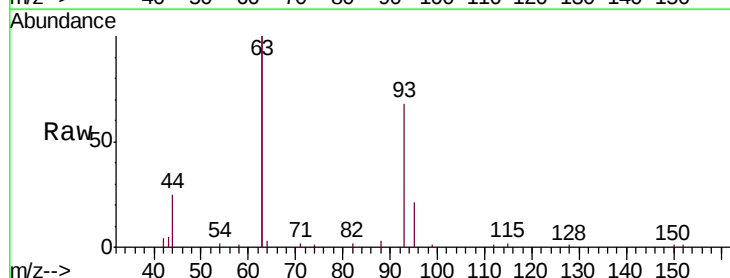
Tgt Ion: 93 Resp: 8022

Ion Ratio Lower Upper

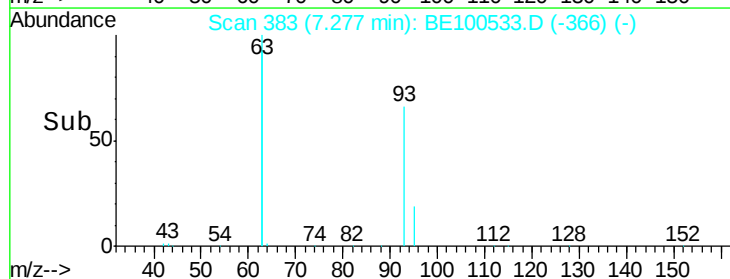
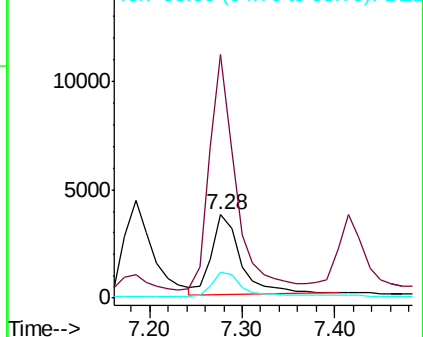
93 100

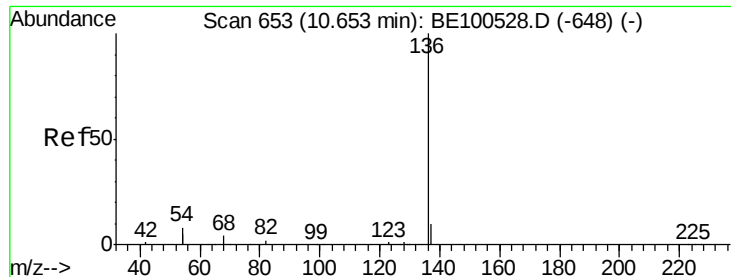
63 264.3 213.4 320.0

95 31.1 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: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

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ClientSampleId :

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Tgt Ion:136 Resp: 28976

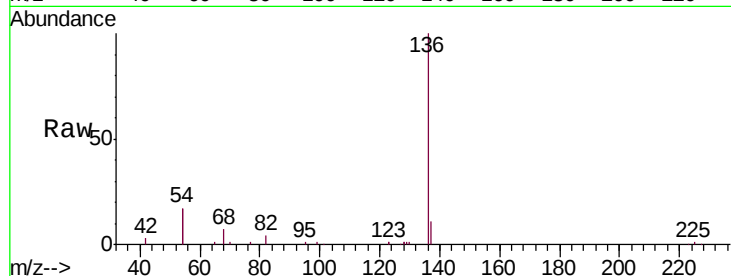
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 33.0 12.4 18.6#

68 7.2 3.3 4.9#

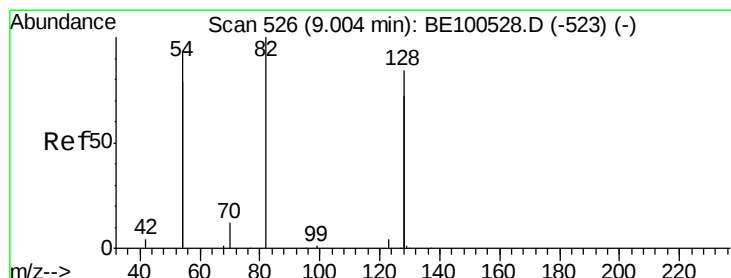
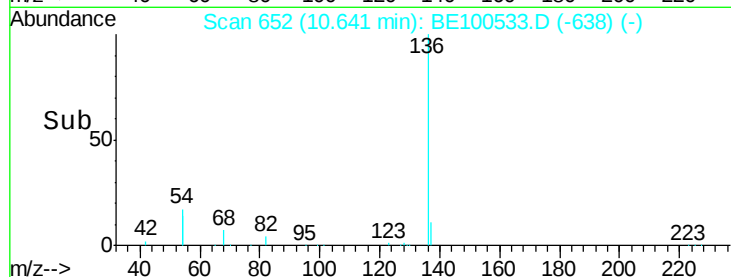
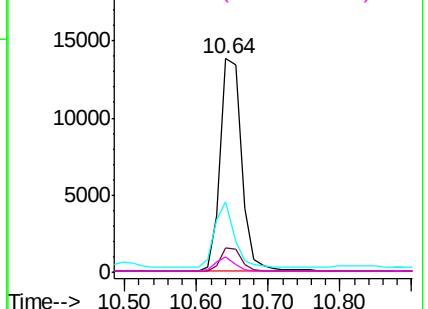


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

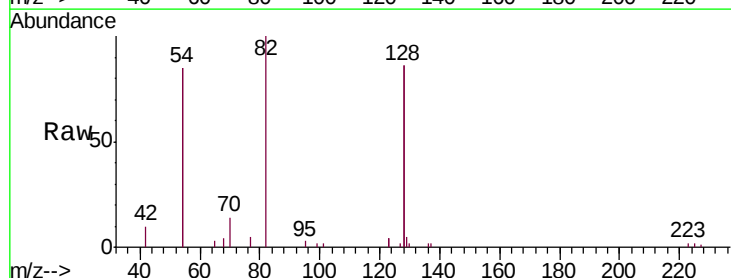
Tgt Ion: 82 Resp: 6207

Ion Ratio Lower Upper

82 100

128 171.9 129.4 194.2

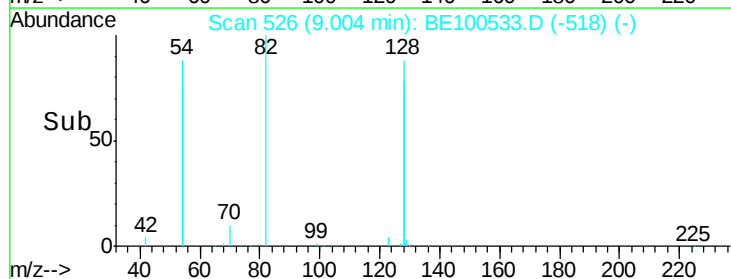
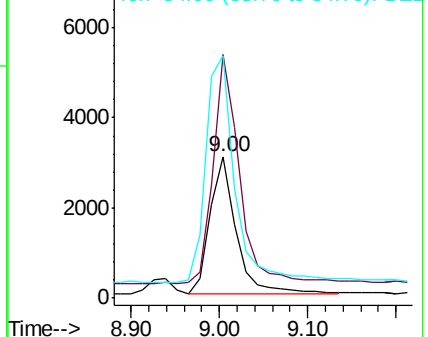
54 170.7 143.3 214.9

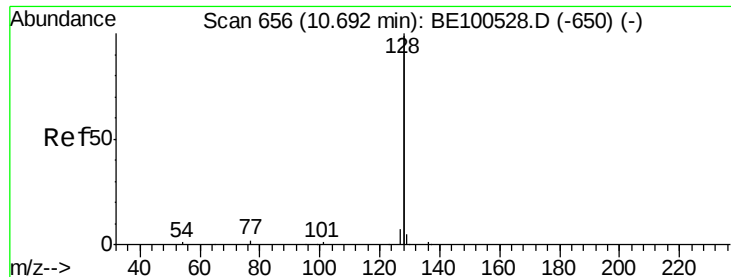


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.392 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

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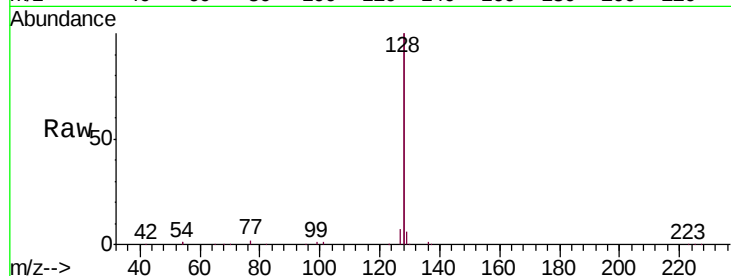
Tgt Ion:128 Resp: 117722

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

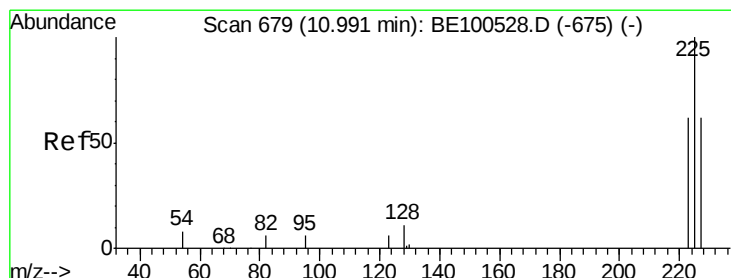
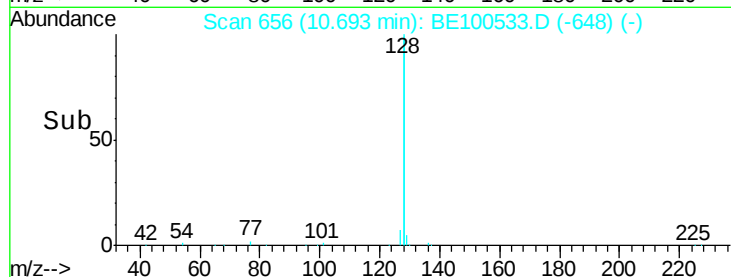
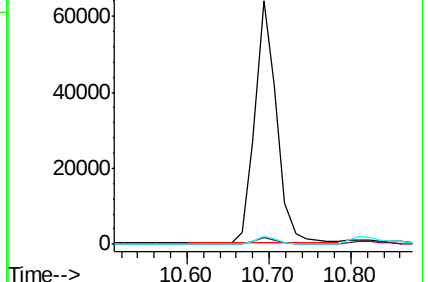
127 3.4 2.7 4.1



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: 0.393 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

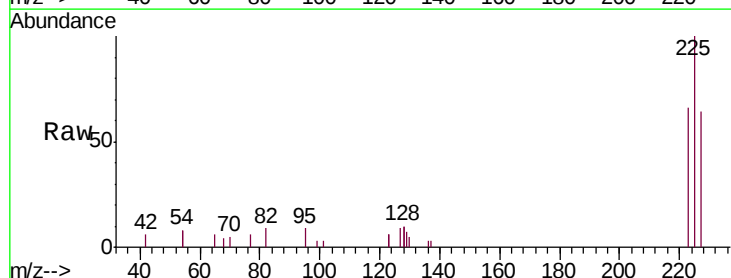
Tgt Ion:225 Resp: 3773

Ion Ratio Lower Upper

225 100

223 63.1 49.7 74.5

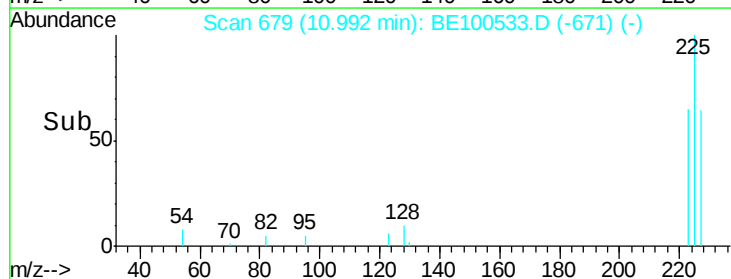
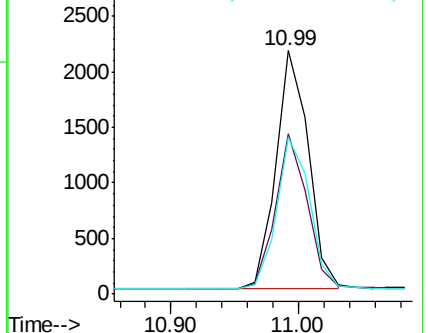
227 64.8 51.4 77.2

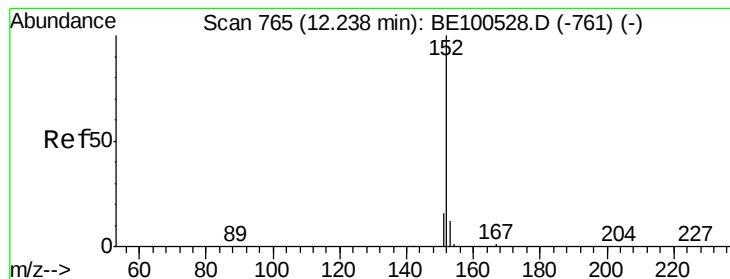


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

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ClientSampleId :

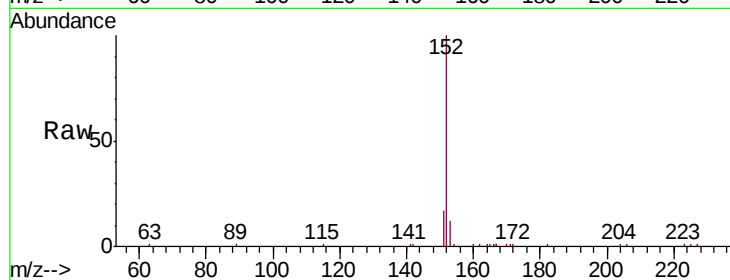
ICVBE092019

Tgt Ion:152 Resp: 16635

Ion Ratio Lower Upper

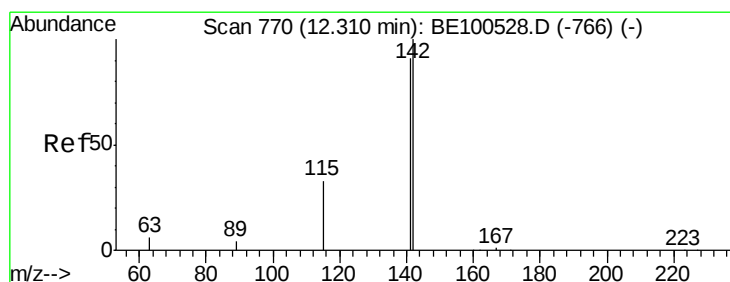
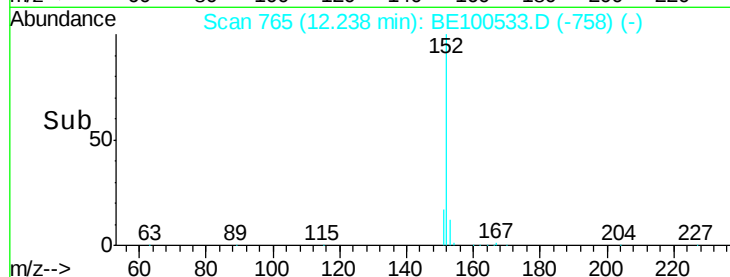
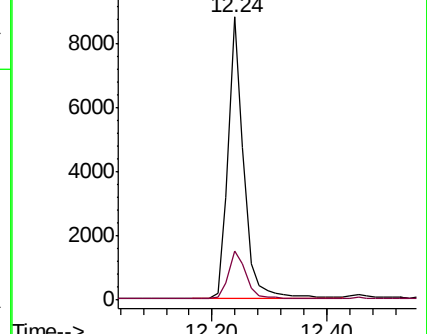
152 100

151 19.2 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: 0.379 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

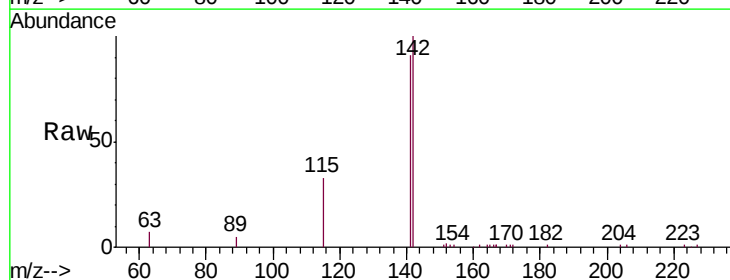
Tgt Ion:142 Resp: 18108

Ion Ratio Lower Upper

142 100

141 90.7 72.5 108.7

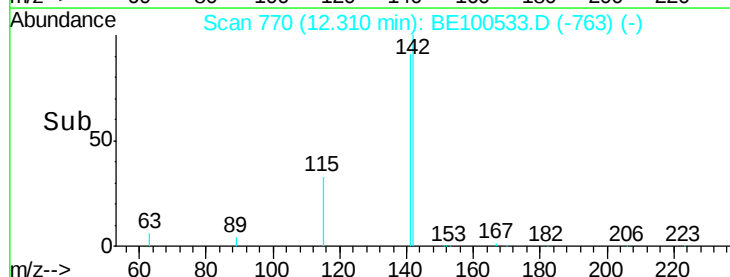
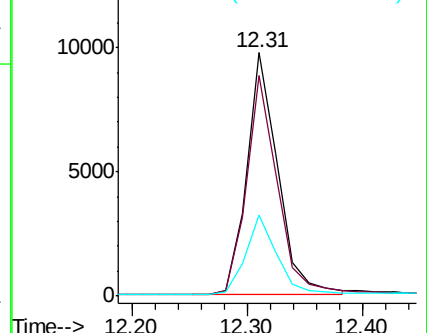
115 33.3 27.2 40.8

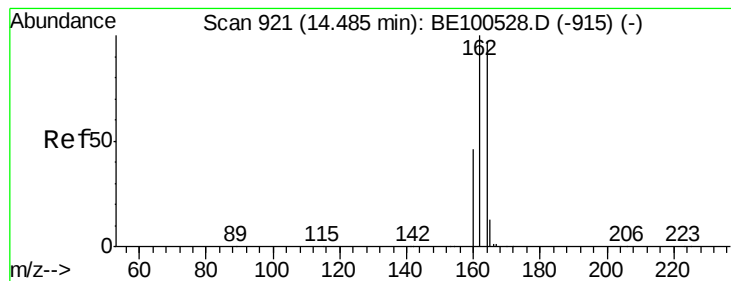


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

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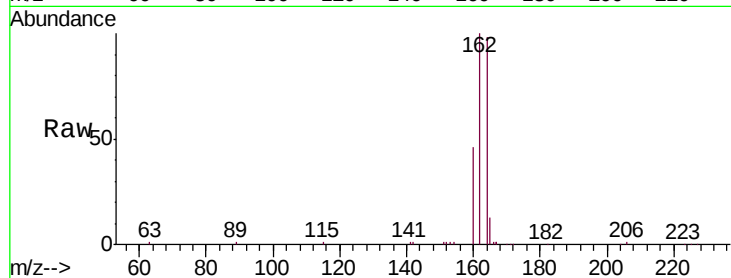
Tgt Ion:164 Resp: 16167

Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

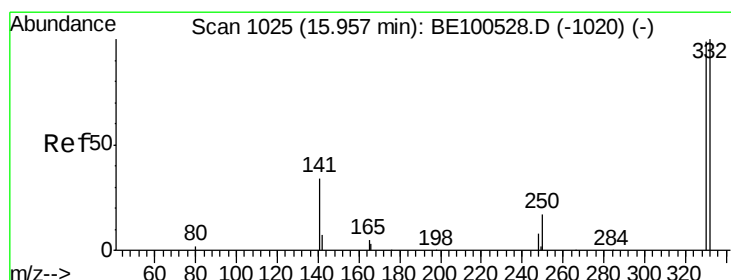
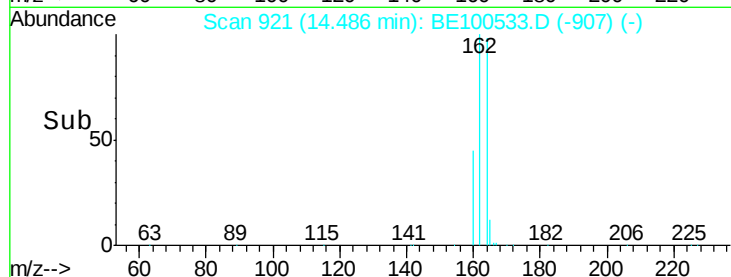
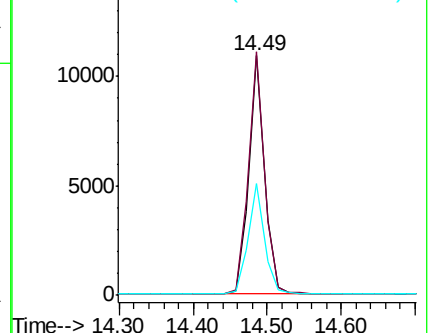
160 46.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.355 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

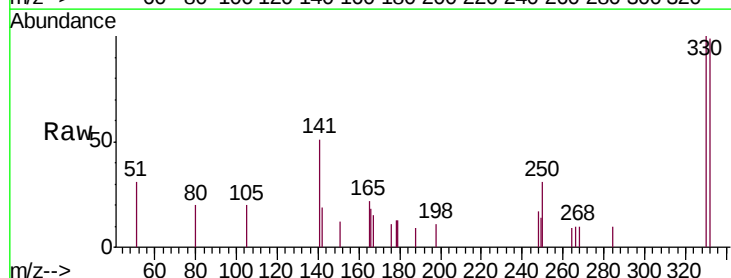
Tgt Ion:330 Resp: 929

Ion Ratio Lower Upper

330 100

332 98.1 75.5 113.3

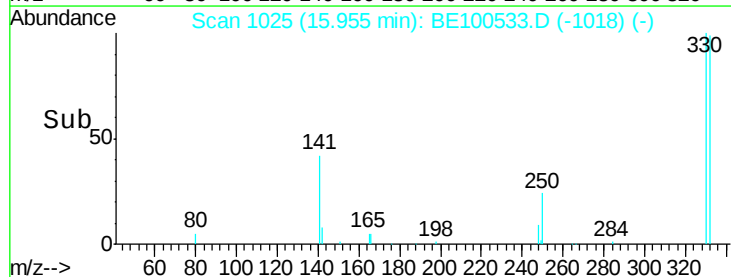
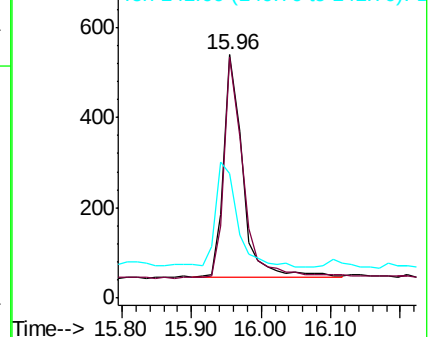
141 56.4 42.3 63.5

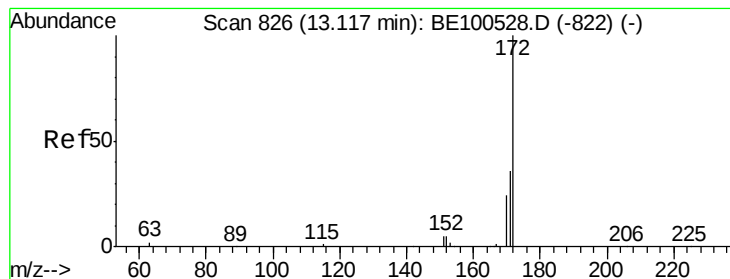


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.401 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

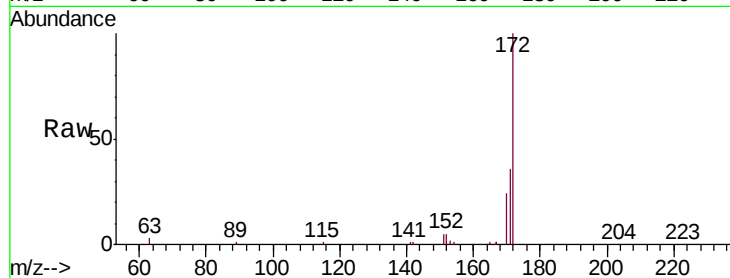
Tgt Ion:172 Resp: 23143

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

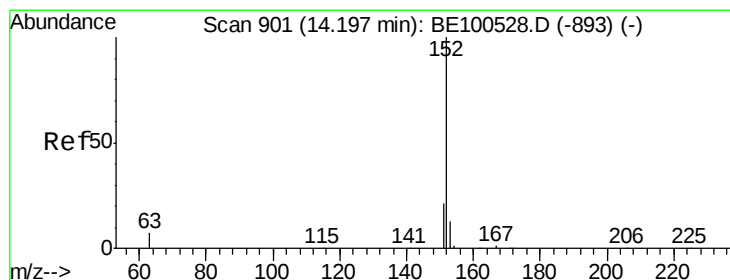
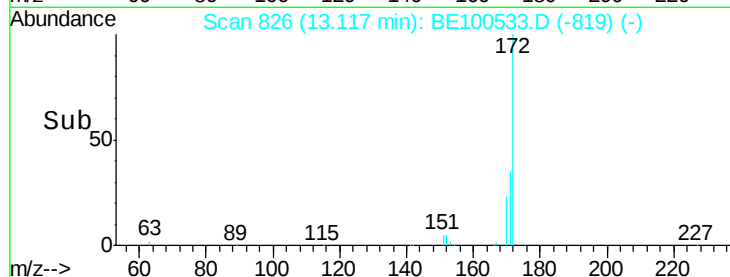
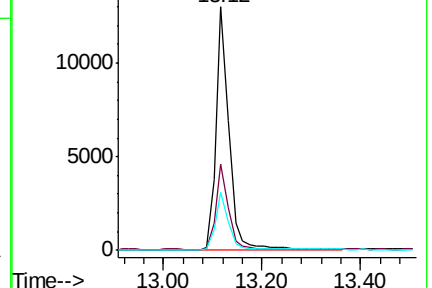
170 23.7 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.368 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.01 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

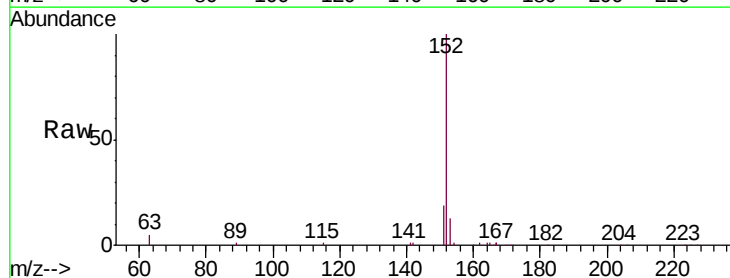
Tgt Ion:152 Resp: 24472

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

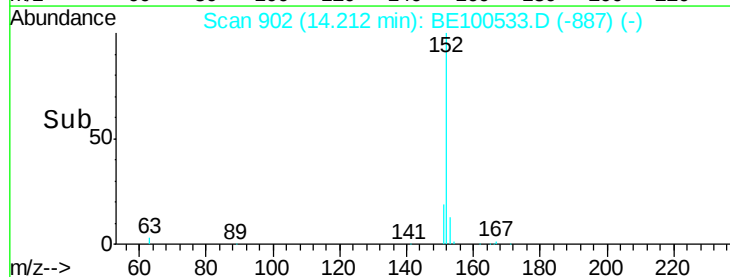
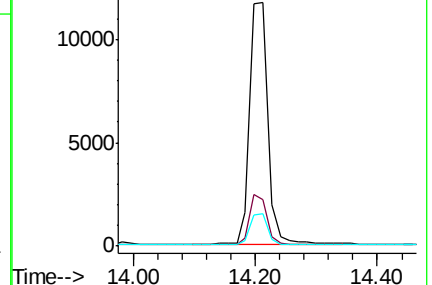
153 12.9 10.7 16.1

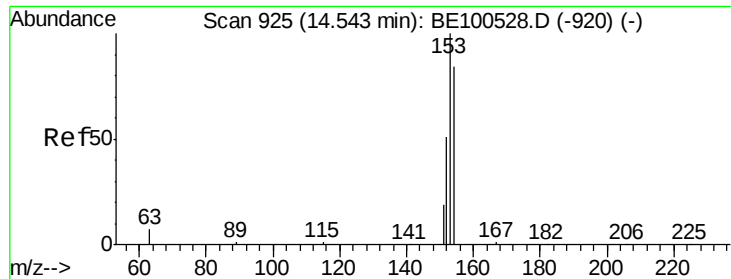


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

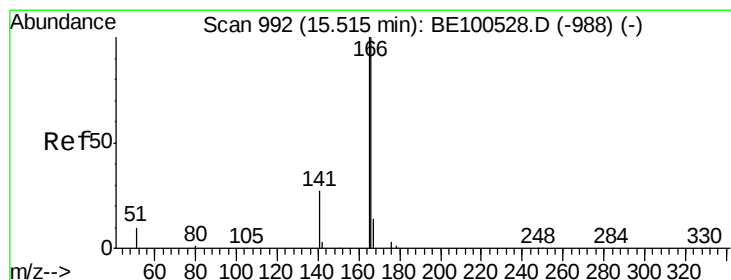
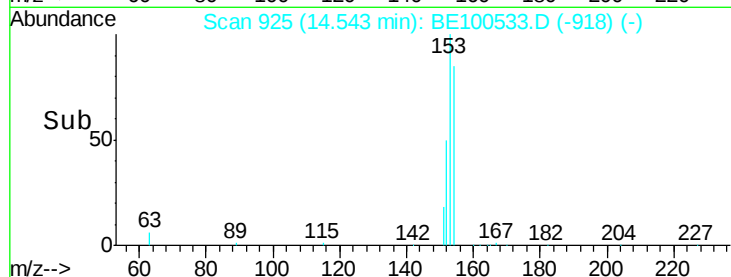
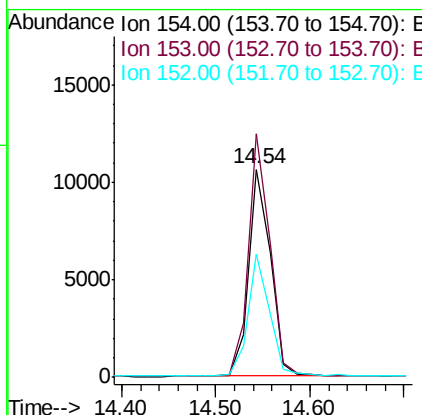
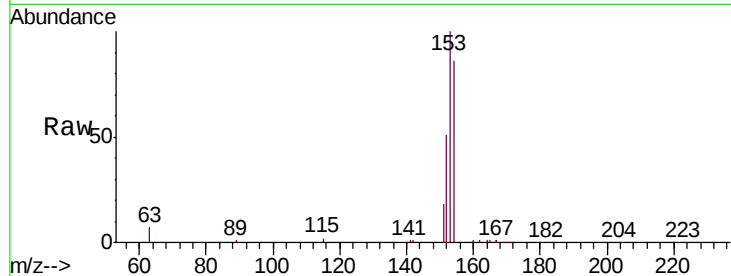




#17
Acenaphthene
Concen: 0.383 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

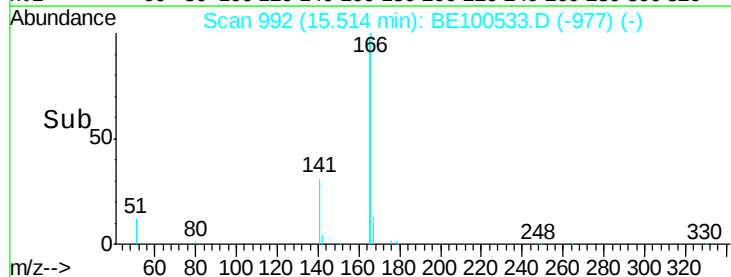
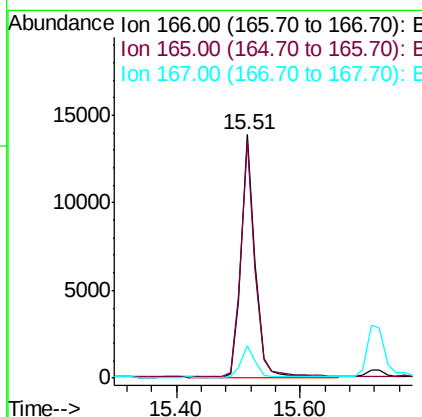
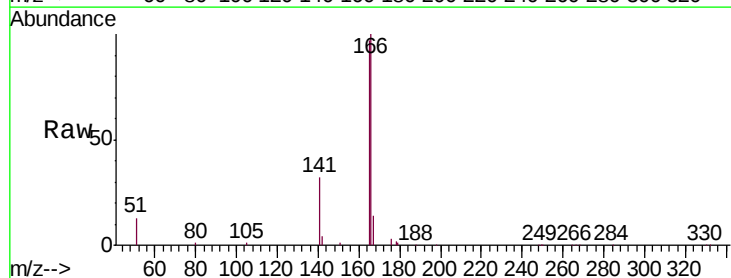
Instrument :
BNA_E
ClientSampleId :
ICVBE092019

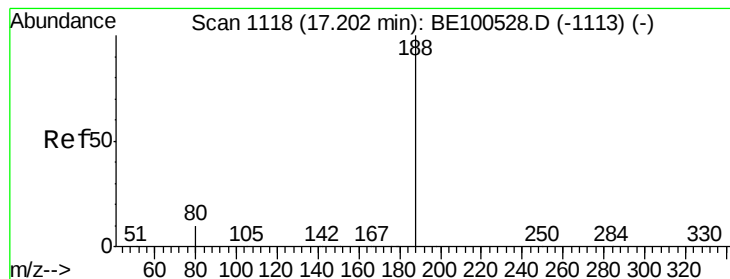
Tgt Ion:154 Resp: 17218
Ion Ratio Lower Upper
154 100
153 115.1 93.7 140.5
152 57.4 47.3 70.9



#18
Fluorene
Concen: 0.384 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:166 Resp: 21607
Ion Ratio Lower Upper
166 100
165 97.9 80.1 120.1
167 13.3 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

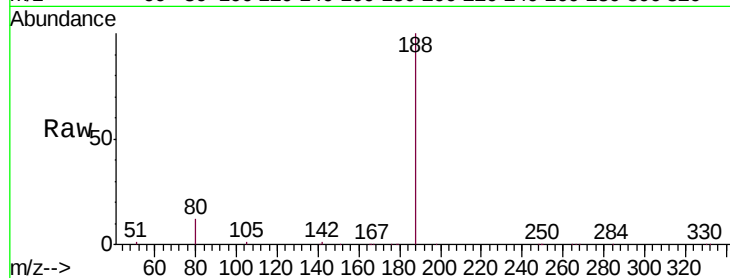
Tgt Ion:188 Resp: 36095

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

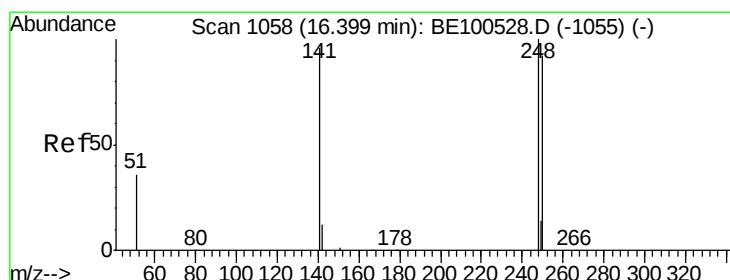
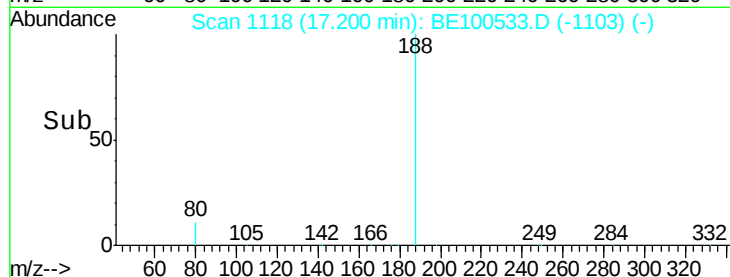
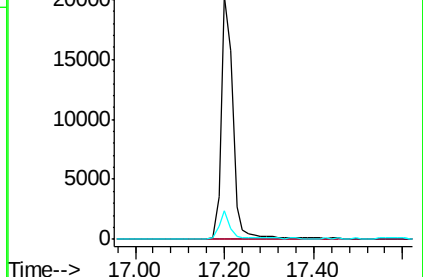
80 11.5 8.0 12.0



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: 0.375 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

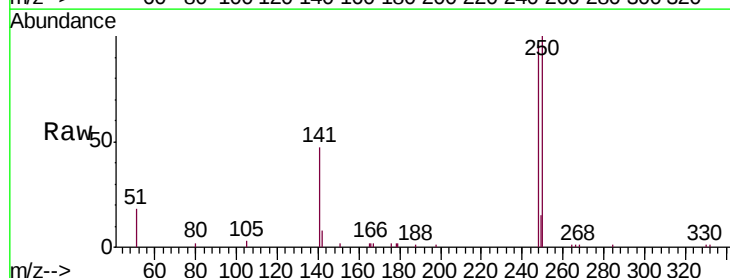
Tgt Ion:248 Resp: 6356

Ion Ratio Lower Upper

248 100

250 104.4 73.5 110.3

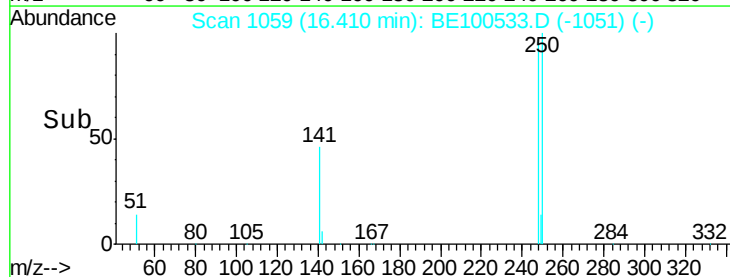
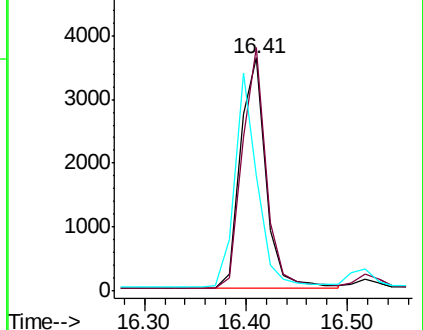
141 49.6 77.0 115.4#

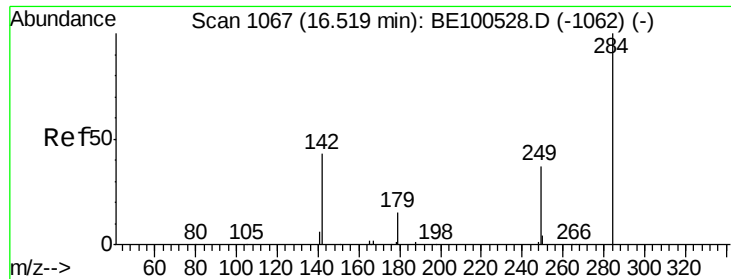


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

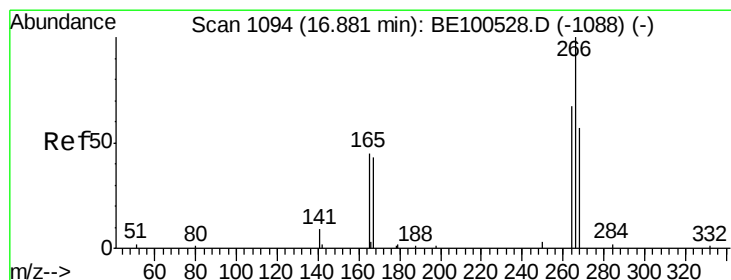
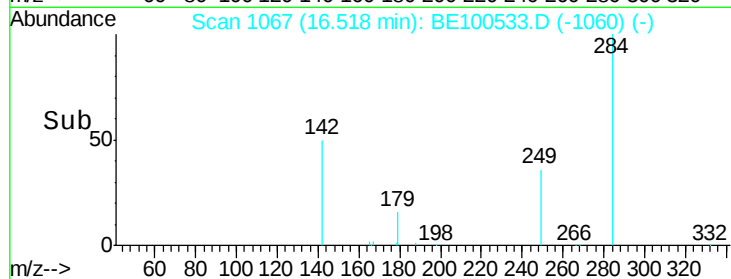
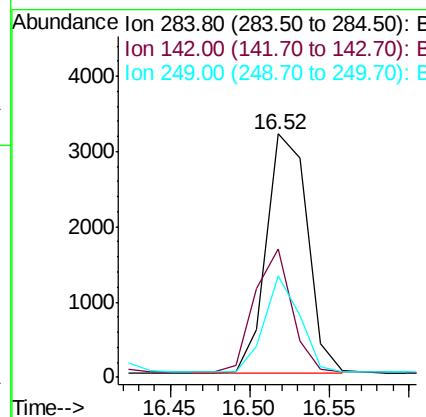
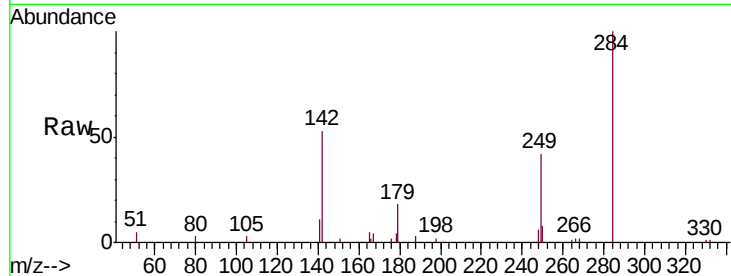




#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

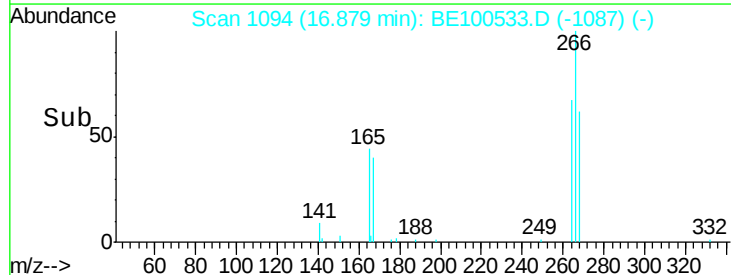
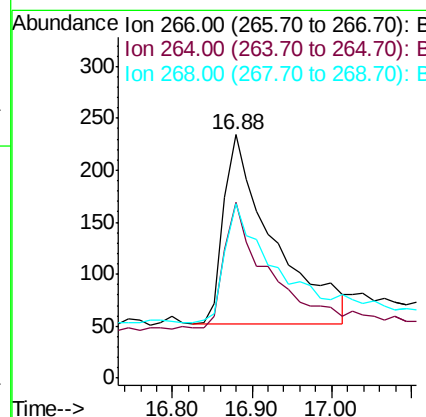
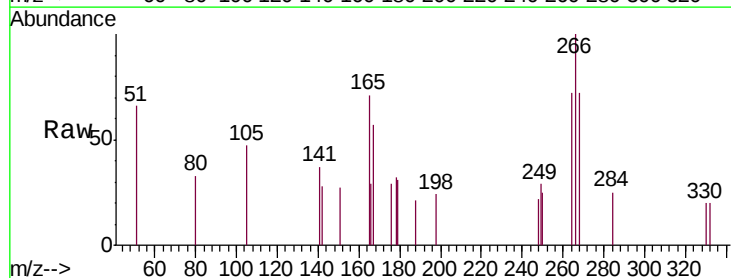
Instrument :
BNA_E
ClientSampleId :
ICVBE092019

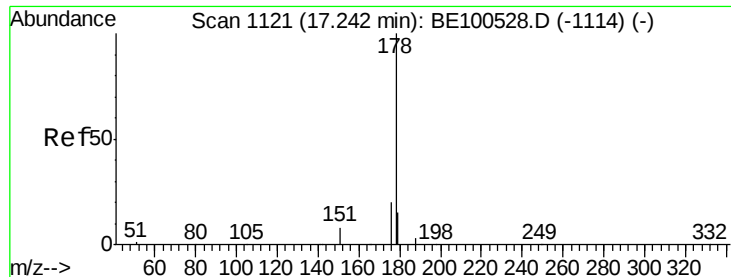
Tgt Ion:284 Resp: 5679
Ion Ratio Lower Upper
284 100
142 46.8 39.0 58.6
249 35.0 28.2 42.2



#22
Pentachlorophenol
Concen: 0.400 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:266 Resp: 792
Ion Ratio Lower Upper
266 100
264 72.2 57.6 86.4
268 71.8 55.1 82.7





#23

Phenanthrene

Concen: 0.376 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

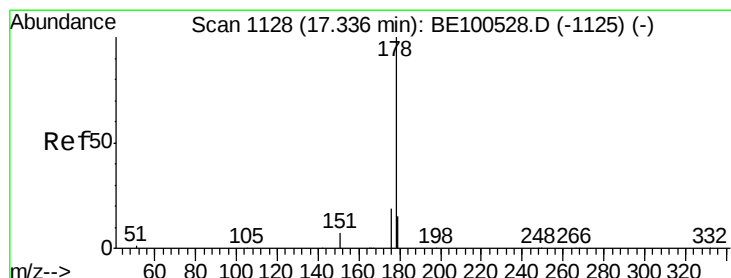
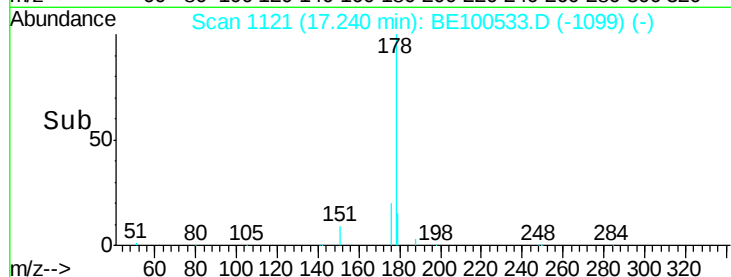
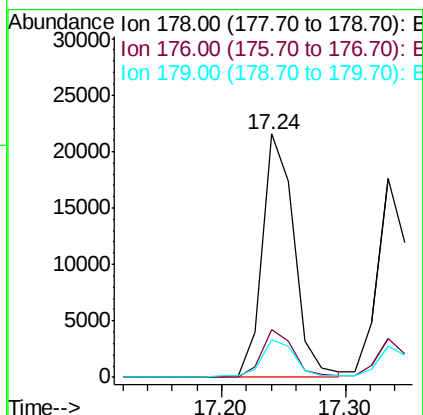
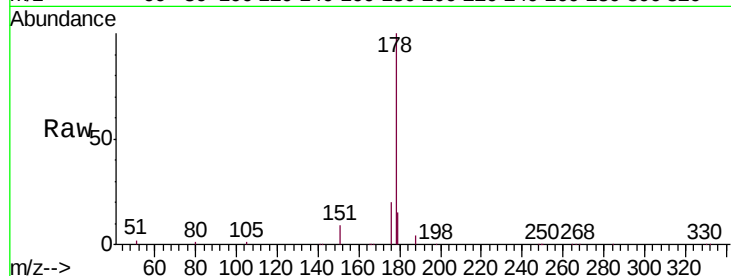
Tgt Ion:178 Resp: 37855

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.6 18.8



#24

Anthracene

Concen: 0.354 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

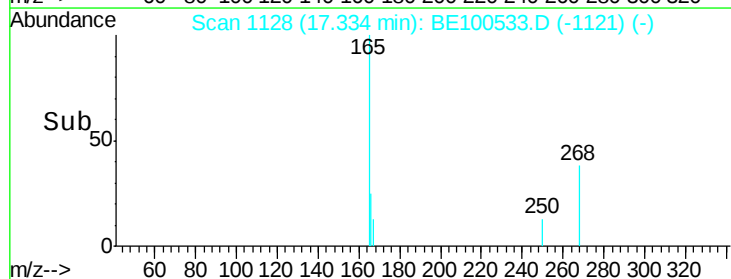
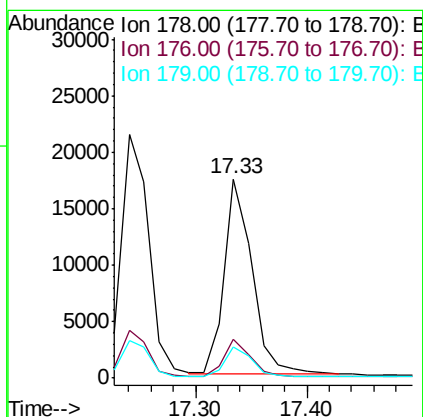
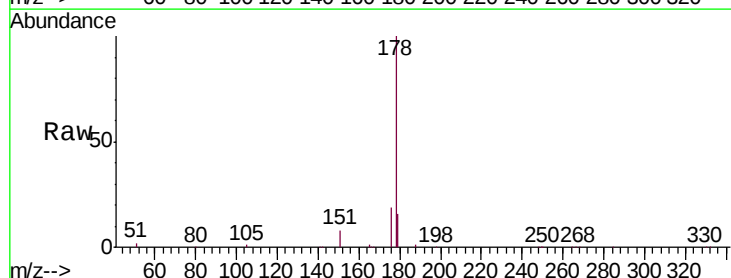
Tgt Ion:178 Resp: 29949

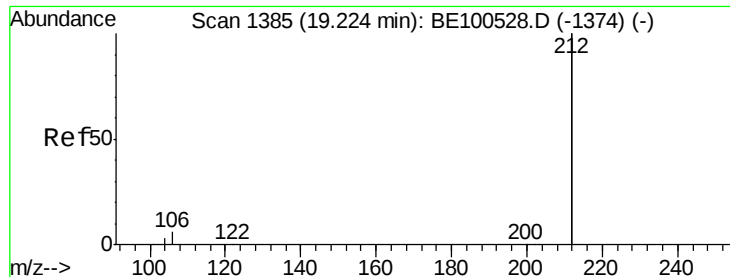
Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

179 15.1 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

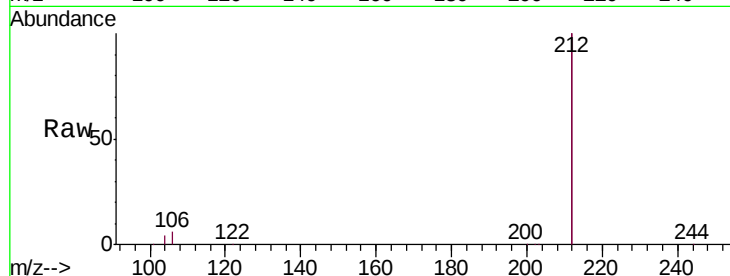
Tgt Ion:212 Resp: 158708

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

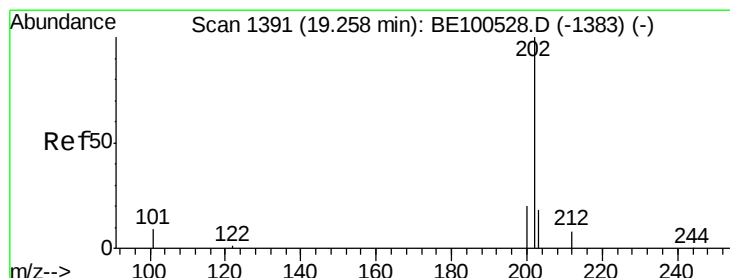
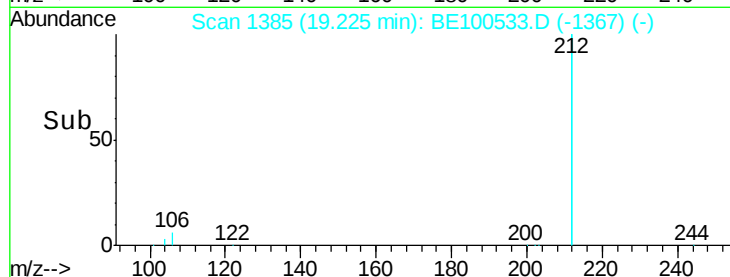
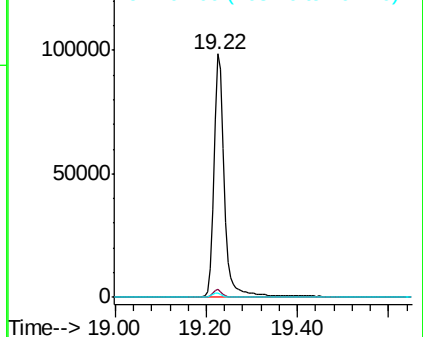
104 1.7 1.3 1.9



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: 0.371 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

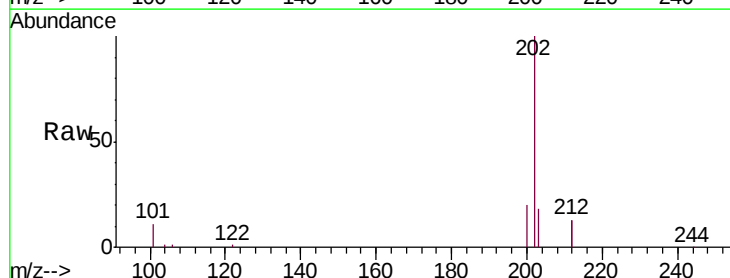
Tgt Ion:202 Resp: 44944

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

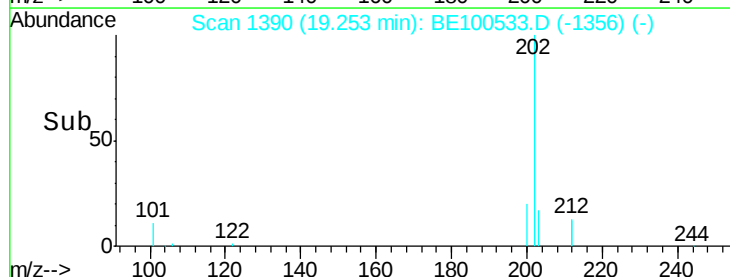
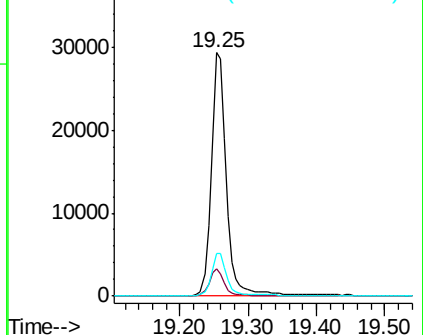
203 17.4 13.7 20.5



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: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

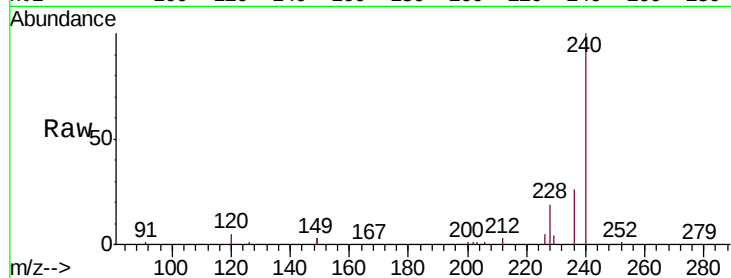
Tgt Ion:240 Resp: 39472

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

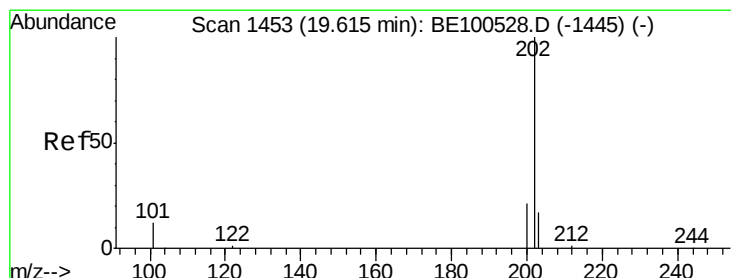
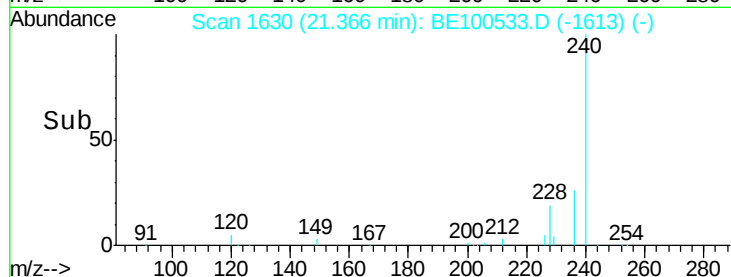
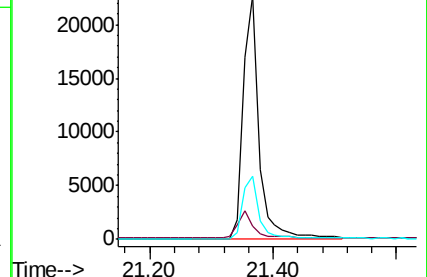
236 25.8 20.6 30.8



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: 0.398 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

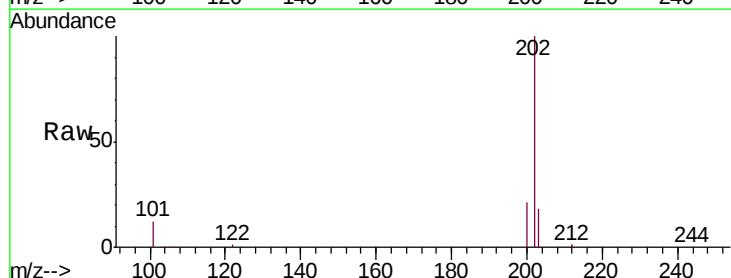
Tgt Ion:202 Resp: 45173

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

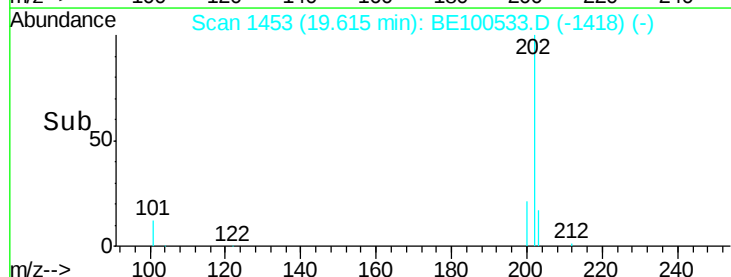
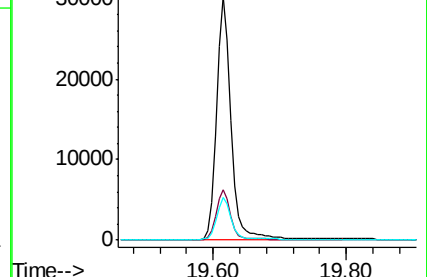
203 17.6 14.0 21.0

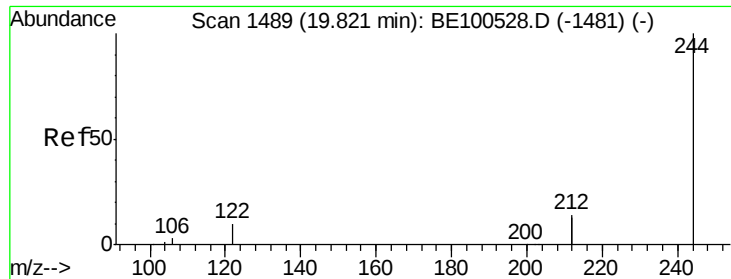


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

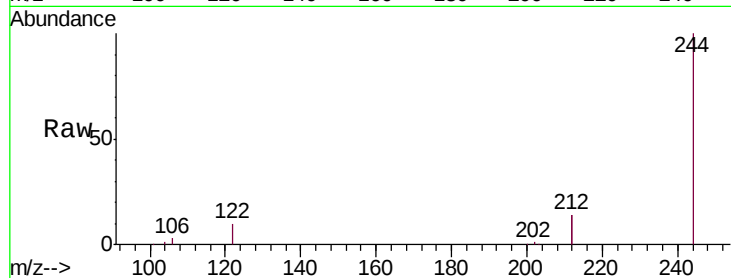
Tgt Ion:244 Resp: 36776

Ion Ratio Lower Upper

244 100

212 28.0 22.2 33.2

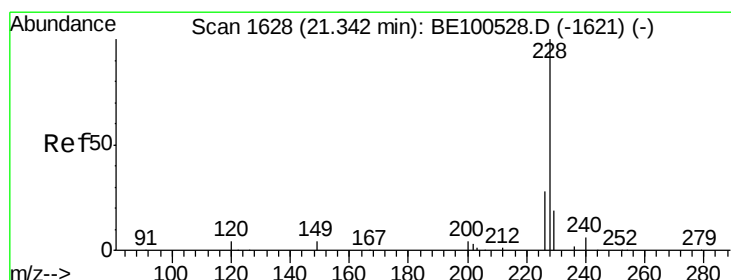
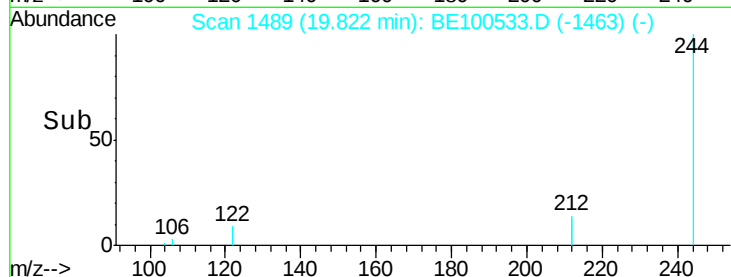
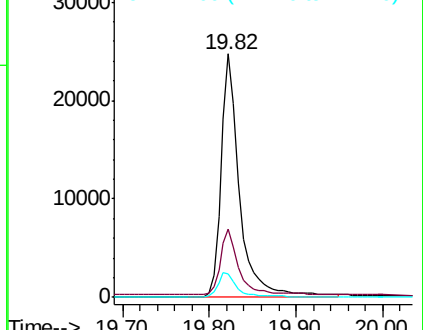
122 9.6 8.3 12.5



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: 0.354 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

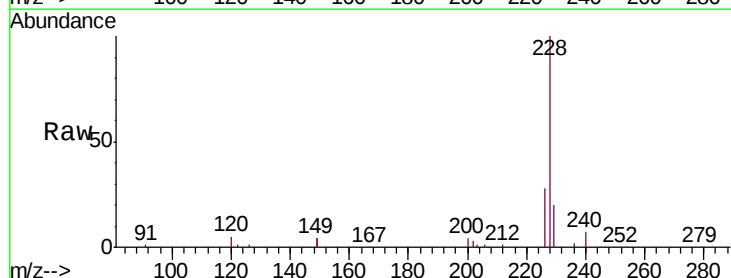
Tgt Ion:228 Resp: 37292

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

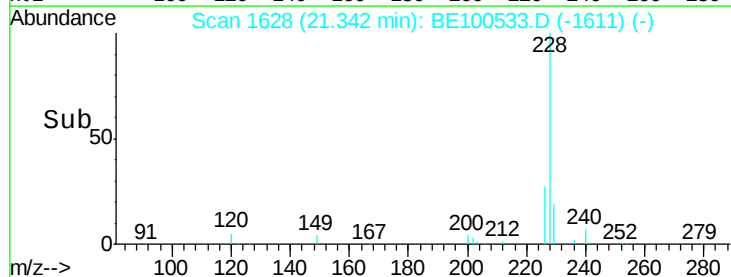
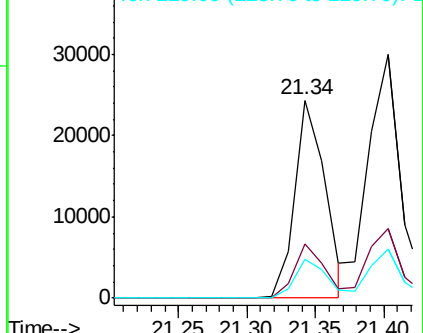
229 19.6 15.4 23.2

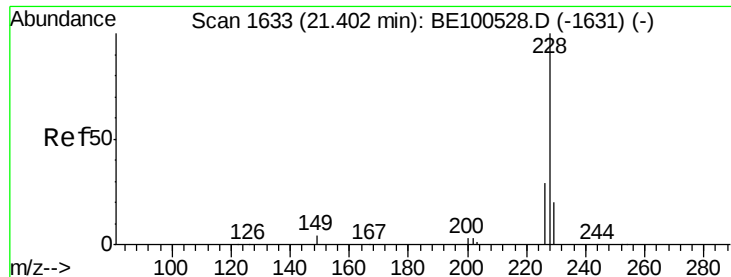


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

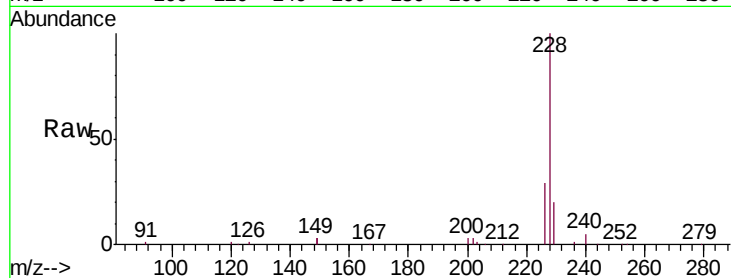
Tgt Ion: 228 Resp: 48263

Ion Ratio Lower Upper

228 100

226 28.6 23.3 34.9

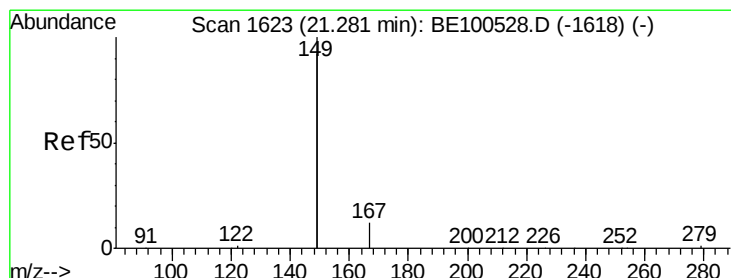
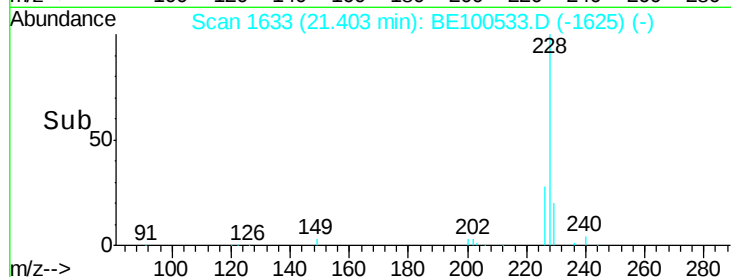
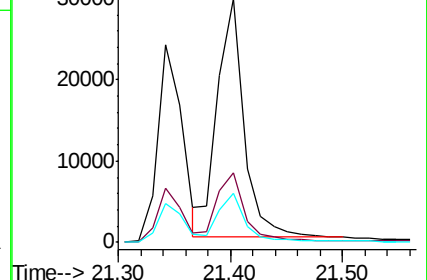
229 20.2 16.3 24.5



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: 0.347 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

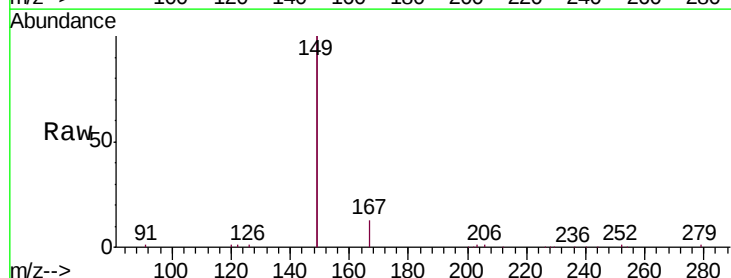
Tgt Ion: 149 Resp: 39469

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

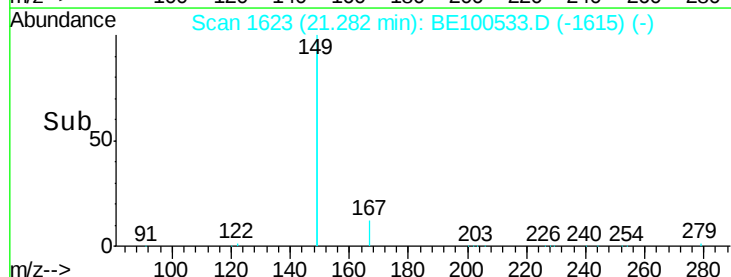
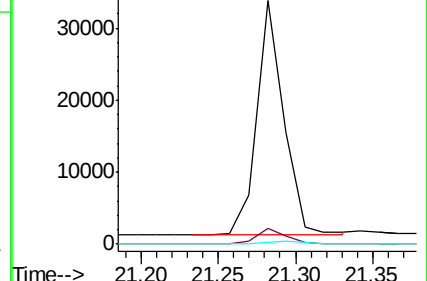
279 1.1 1.0 1.4

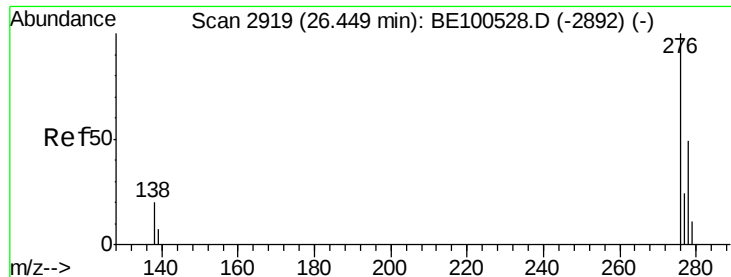


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 26.45 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

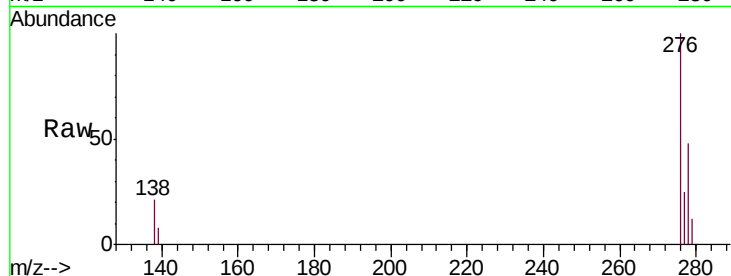
Tgt Ion:276 Resp: 51716

Ion Ratio Lower Upper

276 100

138 22.3 17.7 26.5

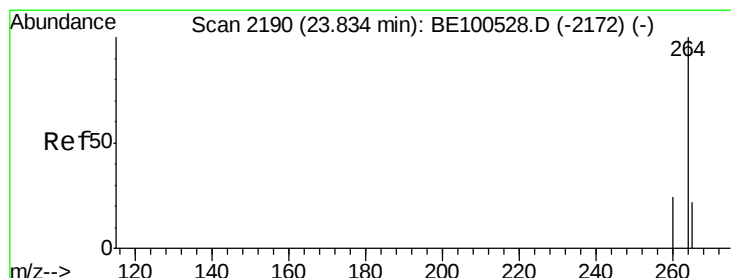
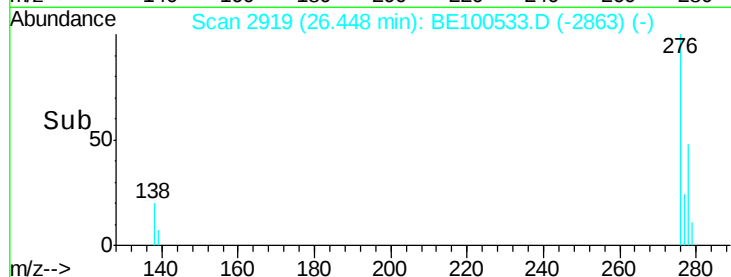
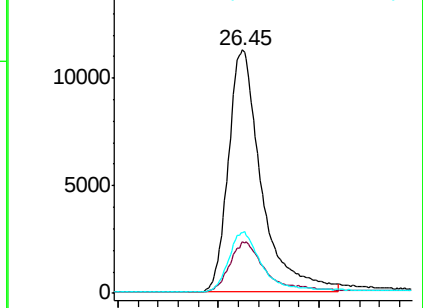
277 24.8 19.9 29.9



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: BE100533.D

Acq: 20 Sep 2019 18:32

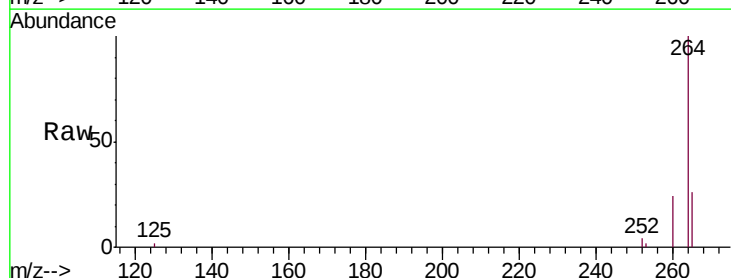
Tgt Ion:264 Resp: 44972

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

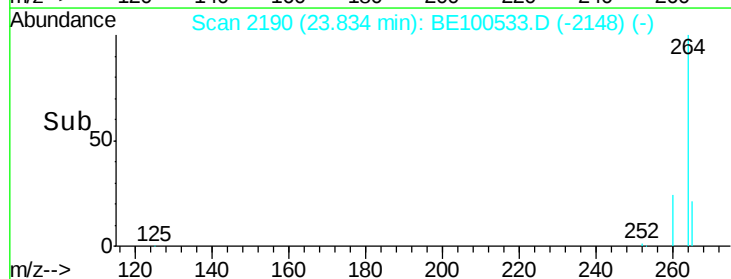
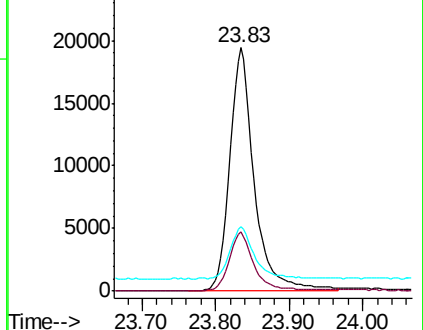
265 26.4 21.8 32.8



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: 0.350 ng

RT: 23.08 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

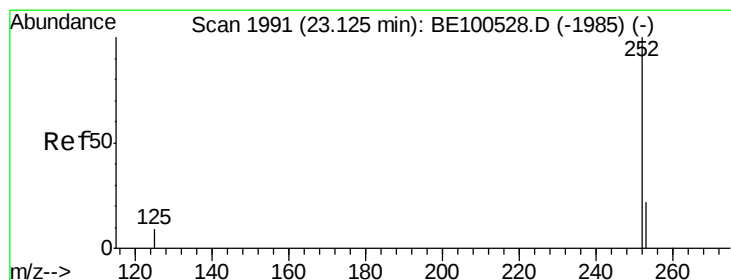
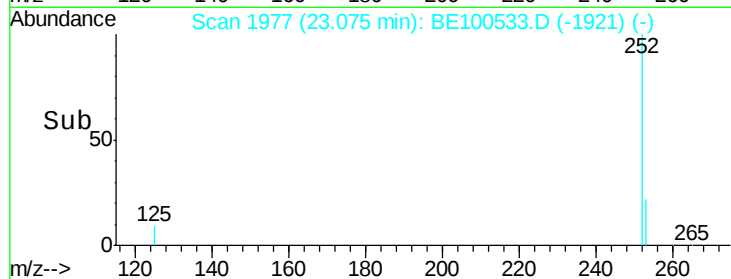
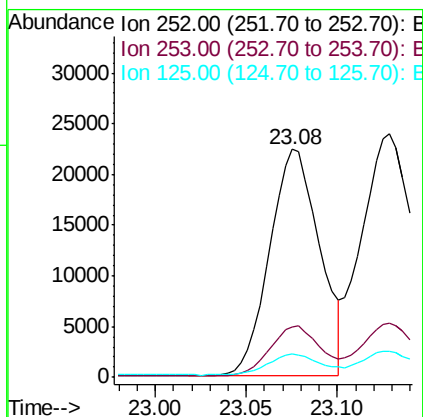
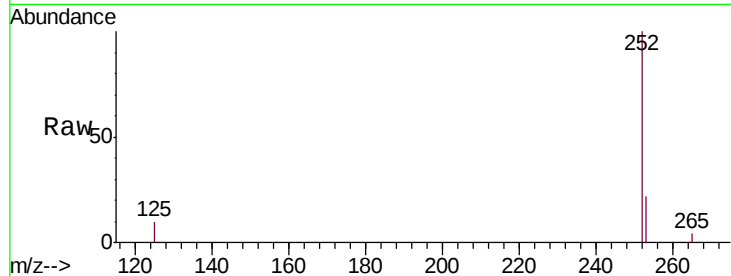
Tgt Ion:252 Resp: 42555

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 10.1 8.0 12.0



#36

Benzo(k)fluoranthene

Concen: 0.387 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

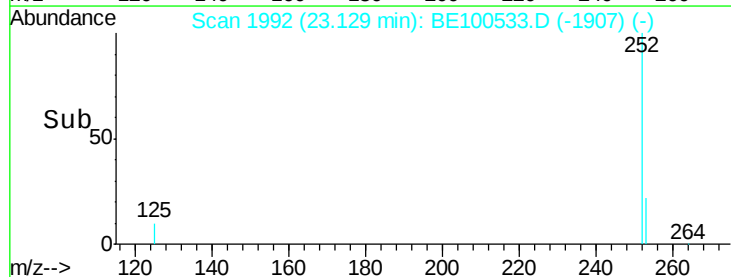
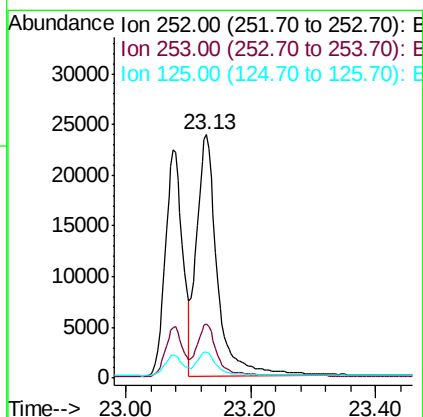
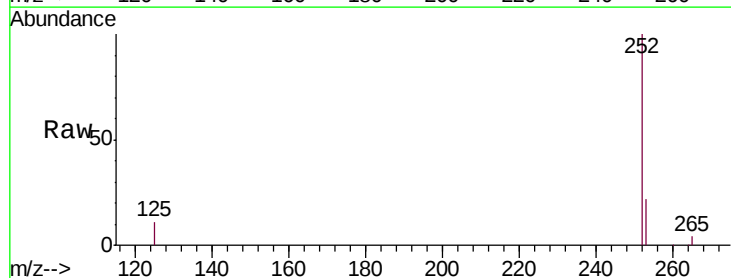
Tgt Ion:252 Resp: 54426

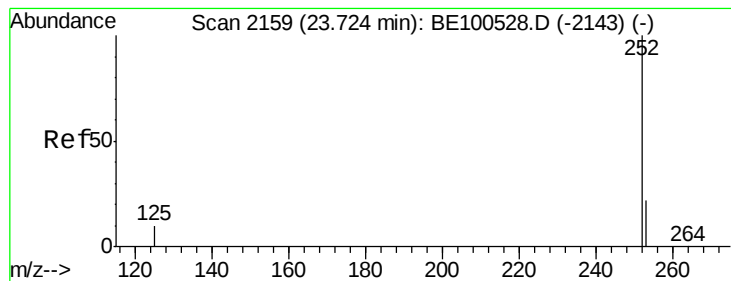
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 10.8 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.72 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019

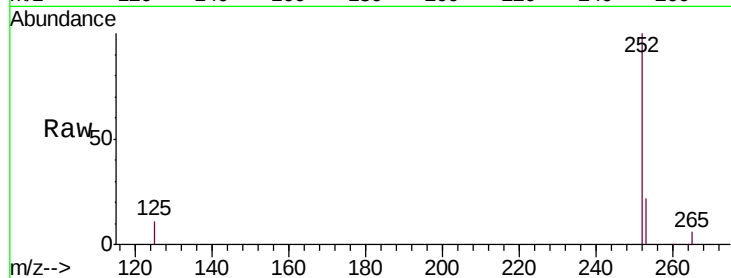
Tgt Ion:252 Resp: 40367

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

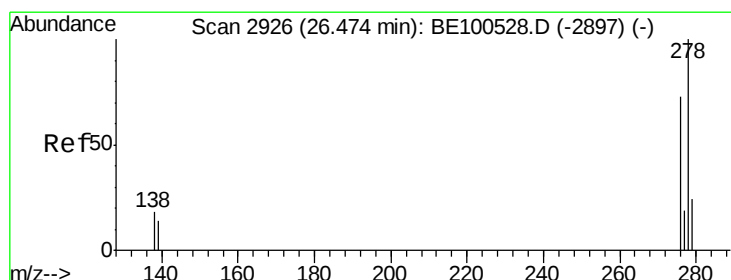
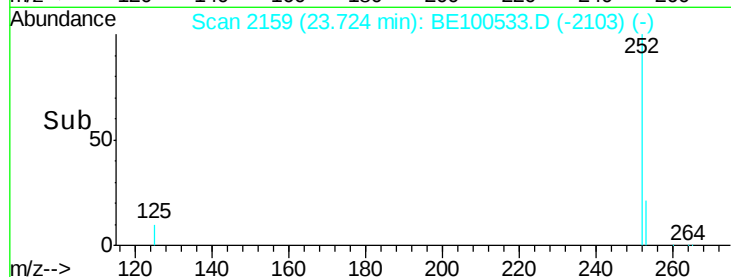
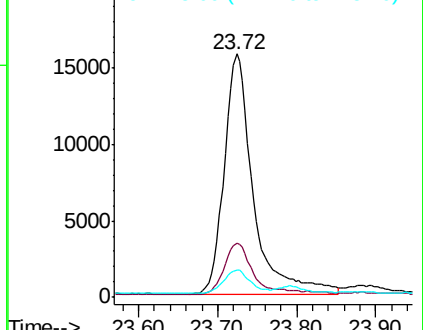
125 11.4 9.2 13.8



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: 0.360 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100533.D

Acq: 20 Sep 2019 18:32

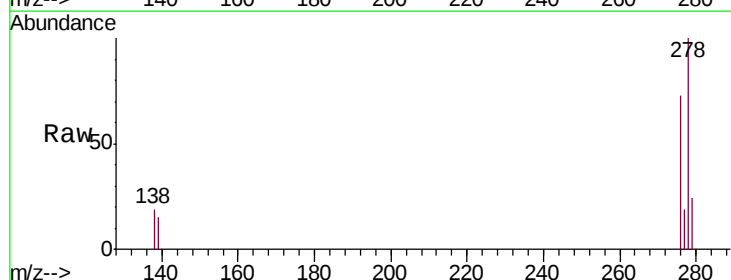
Tgt Ion:278 Resp: 42533

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

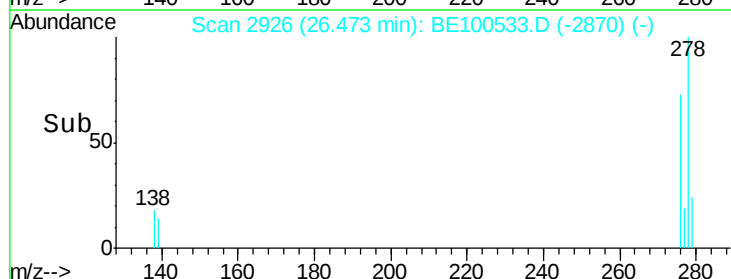
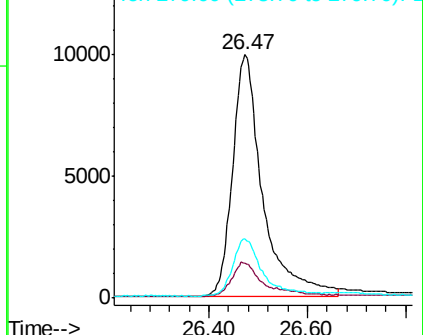
279 24.5 19.7 29.5

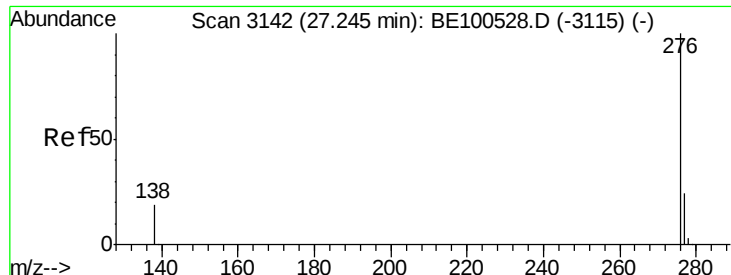


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.372 ng

RT: 27.25 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BE100533.D

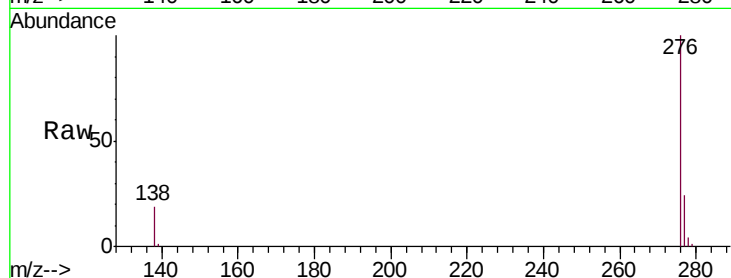
Acq: 20 Sep 2019 18:32

Instrument :

BNA_E

ClientSampleId :

ICVBE092019



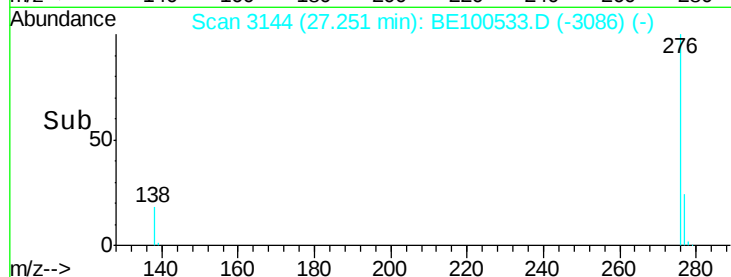
Tgt Ion: 276 Resp: 45923

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 18.9 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

