

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100971.D
 Acq On : 24 Dec 2019 12:55
 Operator : JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Dec 24 13:37:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 11:32:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2767	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13673	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8357	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	18463	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	22183	0.40	ng	-0.01
34) Perylene-d12	23.72	264	24276	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	26468	5.36	ng	-0.01
5) Phenol-d6	6.92	99	31866	5.29	ng	-0.07
8) Nitrobenzene-d5	8.89	82	50665	7.01	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	103048	5.01	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	14822	7.22	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	151585	5.13	ng	-0.02
25) Fluoranthene-d10	19.14	212	1238419	5.36	ng	0.00
29) Terphenyl-d14	19.75	244	260639	5.15	ng	-0.01

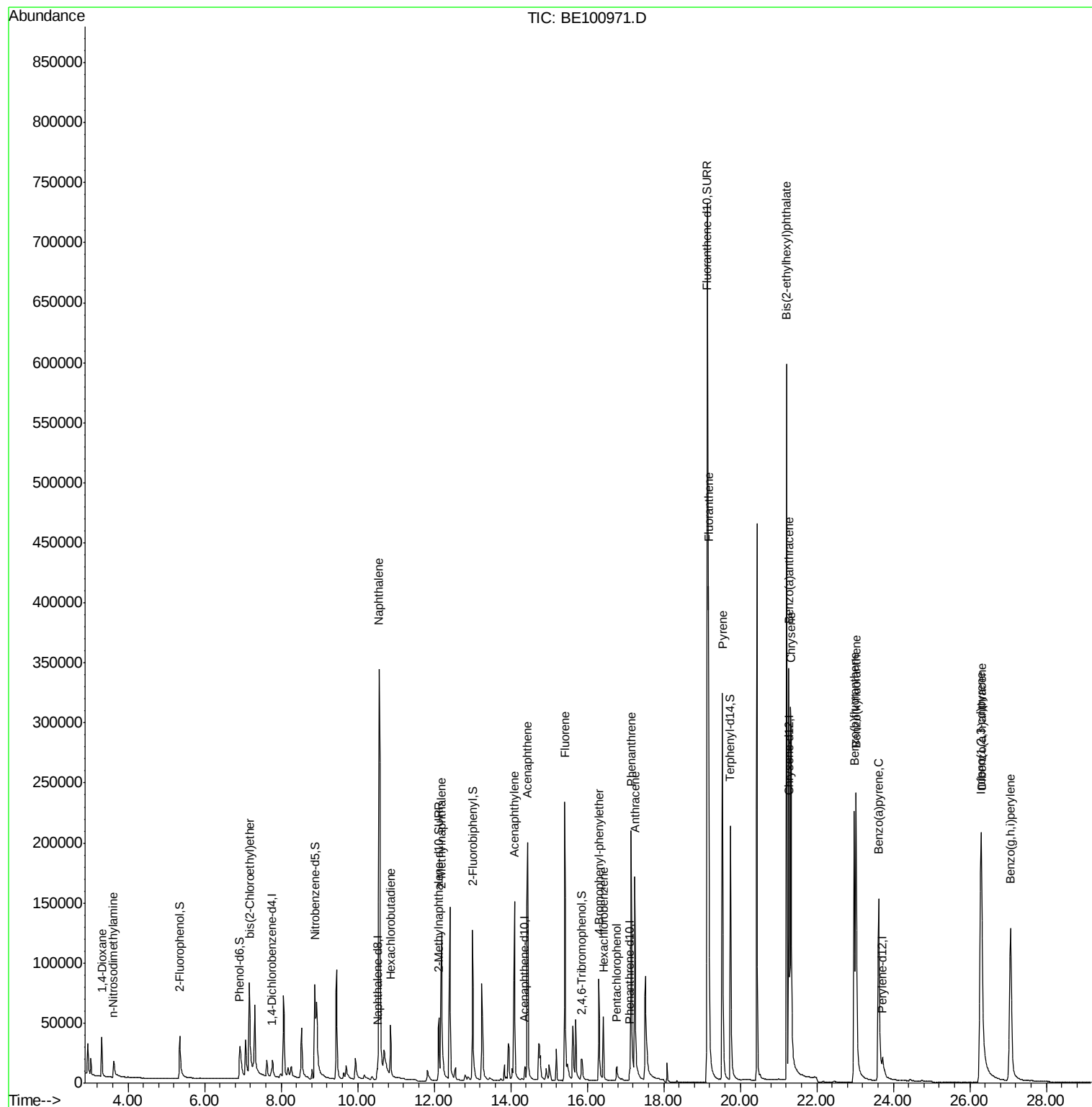
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	27091	2.570	ng	# 81
3) n-Nitrosodimethylamine	3.61	42	17732	5.854	ng	# 82
6) bis(2-Chloroethyl)ether	7.17	93	50621	7.157	ng	88
9) Naphthalene	10.56	128	733610	4.967	ng	99
10) Hexachlorobutadiene	10.86	225	29061	4.604	ng	98
12) 2-Methylnaphthalene	12.19	142	112565	5.417	ng	97
16) Acenaphthylene	14.10	152	193312	5.614	ng	100
17) Acenaphthene	14.44	154	121605	5.193	ng	99
18) Fluorene	15.41	166	160284	5.409	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	47055	5.730	ng	95
21) Hexachlorobenzene	16.42	284	48337	5.164	ng	100
22) Pentachlorophenol	16.77	266	8389	6.060	ng	# 79
23) Phenanthrene	17.15	178	266505	5.538	ng	99
24) Anthracene	17.24	178	230143	7.116	ng	100
26) Fluoranthene	19.17	202	366424	5.485	ng	98
28) Pyrene	19.53	202	376039	4.742	ng	99
30) Benzo(a)anthracene	21.27	228	327838	5.638	ng	99
31) Chrysene	21.32	228	384630	5.249	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	753590	4.119	ng	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	395181	5.154	ng	# 91
35) Benzo(b)fluoranthene	22.98	252	324148	6.021	ng	98
36) Benzo(k)fluoranthene	23.02	252	446430	6.214	ng	# 95
37) Benzo(a)pyrene	23.61	252	331404	5.405	ng	# 92
38) Dibenzo(a,h)anthracene	26.31	278	316269	6.124	ng	# 95
39) Benzo(g,h,i)perylene	27.06	276	346263	5.425	ng	97

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

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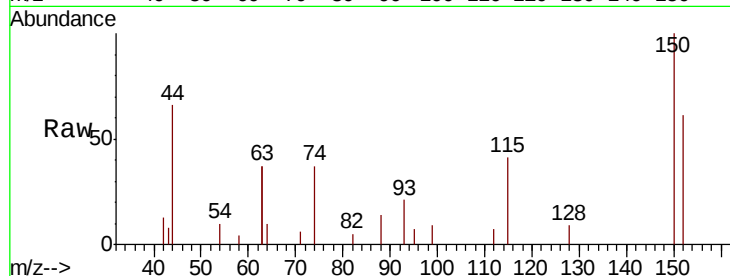


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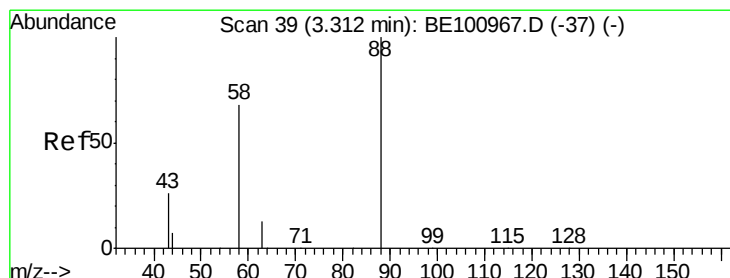
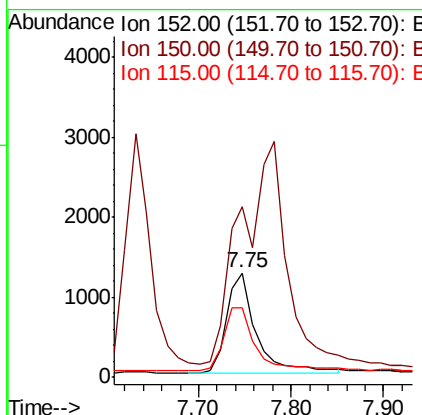
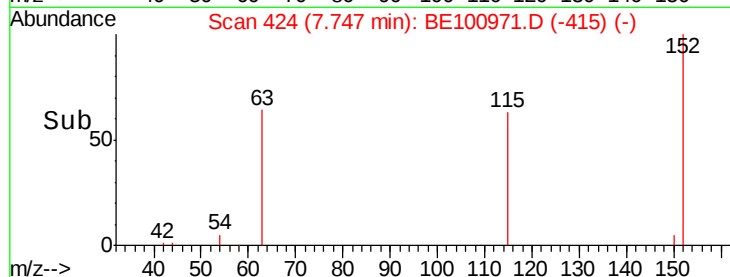
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 2767
Ion Ratio Lower Upper
152 100
150 164.0 132.6 199.0
115 66.7 64.1 96.1



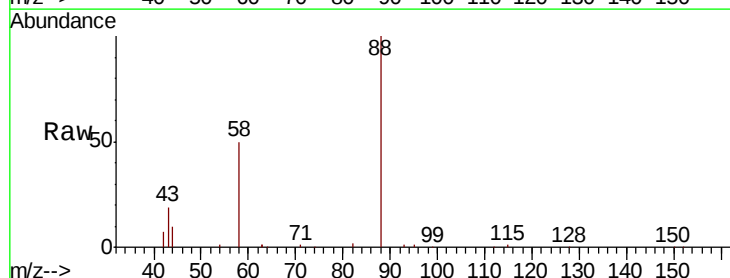
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



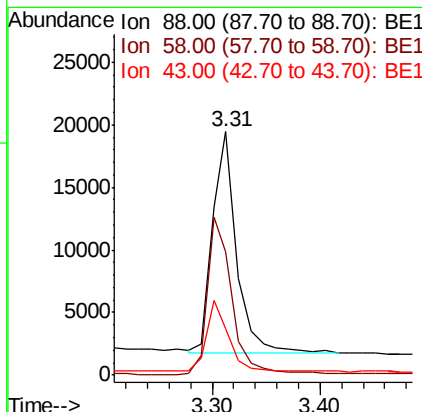
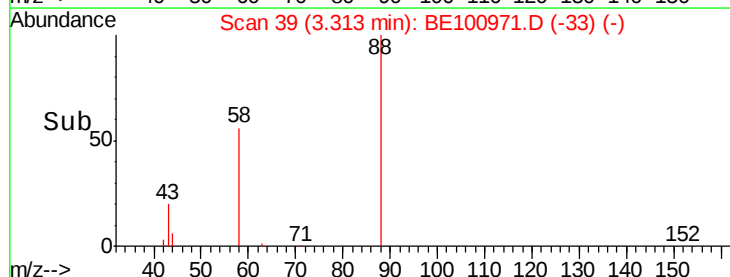
#2

1,4-Dioxane
Concen: 2.570 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion: 88 Resp: 27091
Ion Ratio Lower Upper
88 100
58 73.0 44.2 66.4#
43 29.6 21.0 31.6



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





#3

n-Nitrosodimethylamine

Concen: 5.854 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.06 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

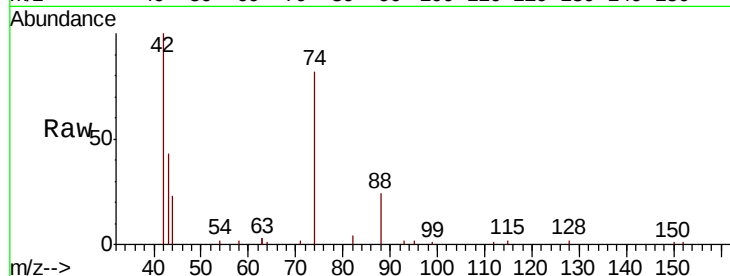
Tot Ion: 42 Resp: 17732

Ion Ratio Lower Upper

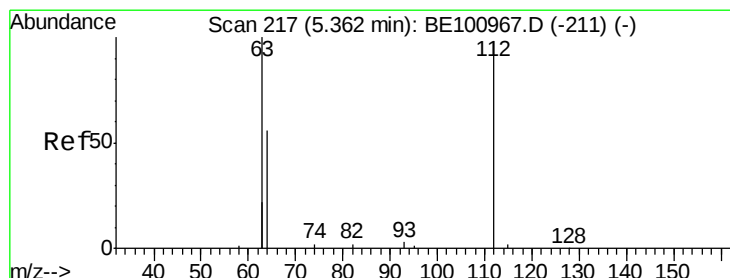
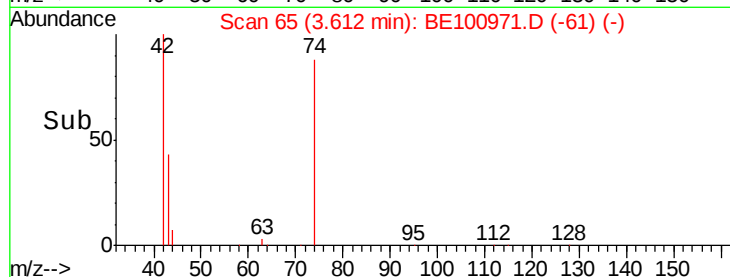
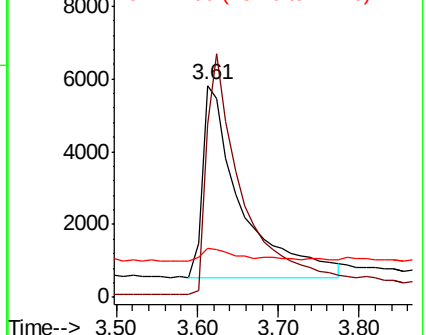
42 100

74 123.4 116.6 174.8

44 7.4 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 5.362 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

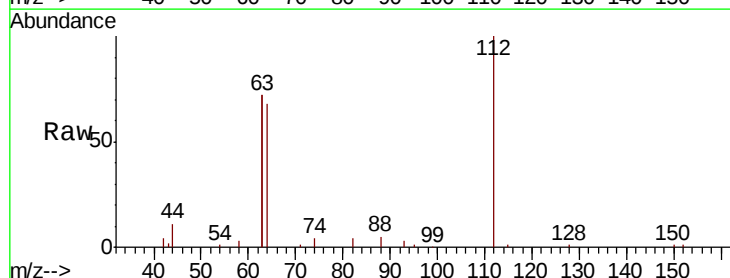
Tgt Ion: 112 Resp: 26468

Ion Ratio Lower Upper

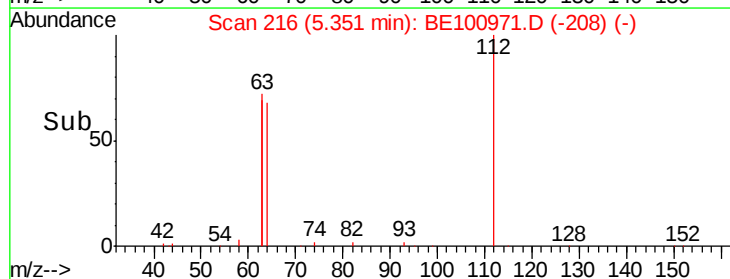
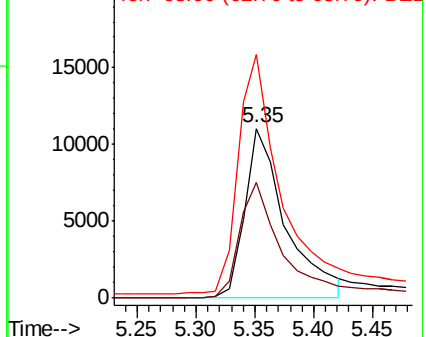
112 100

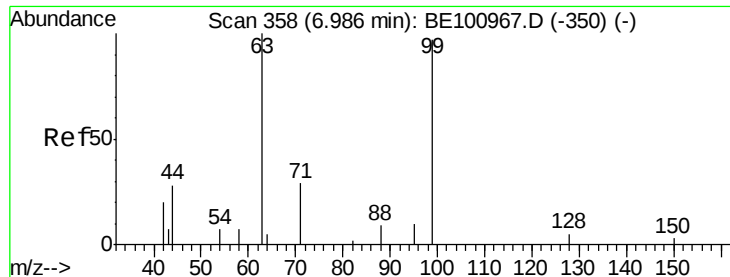
64 68.9 59.0 88.6

63 147.2 121.4 182.0



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: 5.291 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.07 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

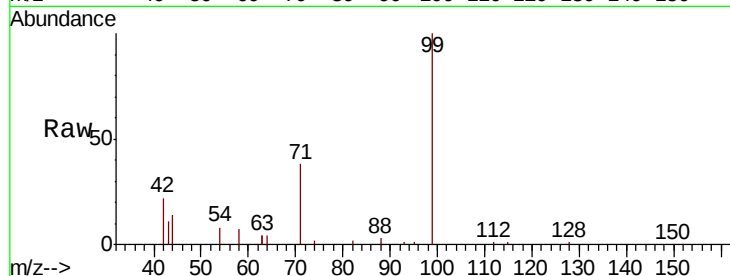
Tot Ion: 99 Resp: 31866

Ion Ratio Lower Upper

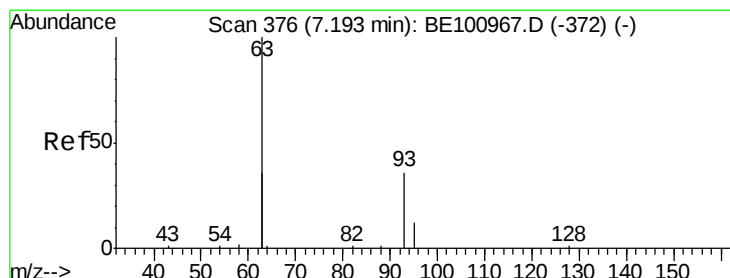
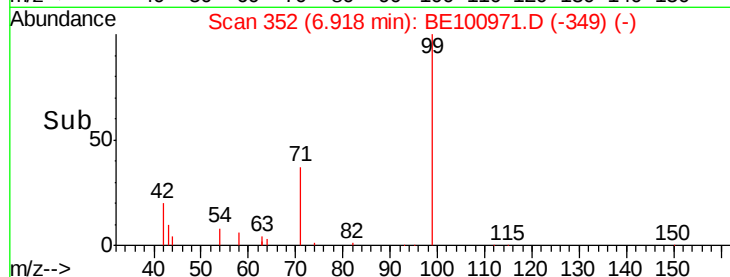
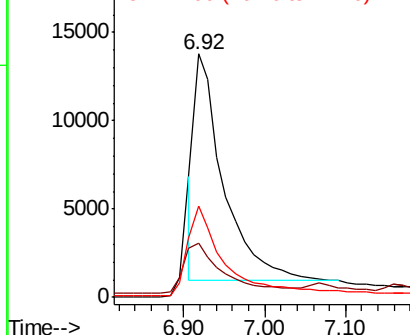
99 100

42 0.0 0.0 0.0

71 33.6 0.0 0.0#



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: 7.157 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

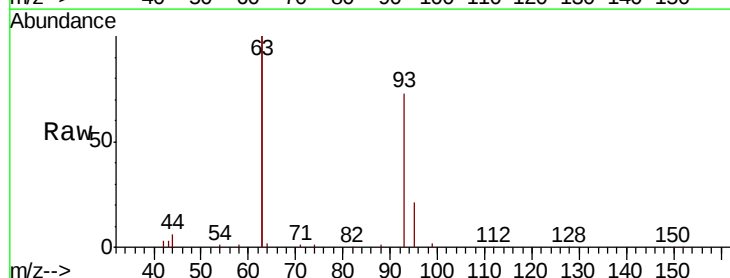
Tgt Ion: 93 Resp: 50621

Ion Ratio Lower Upper

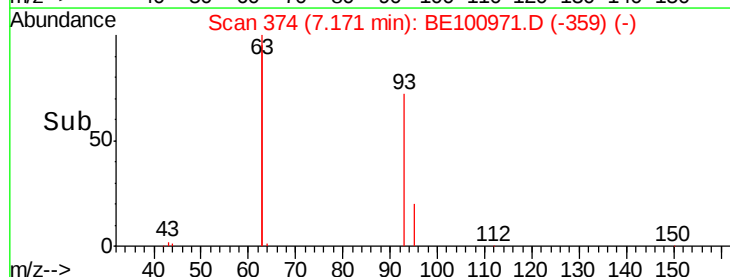
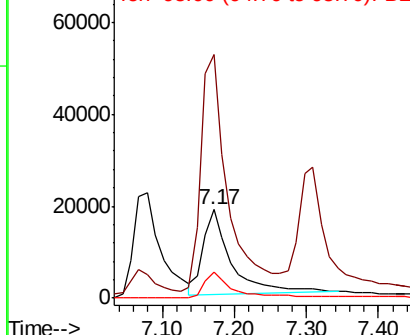
93 100

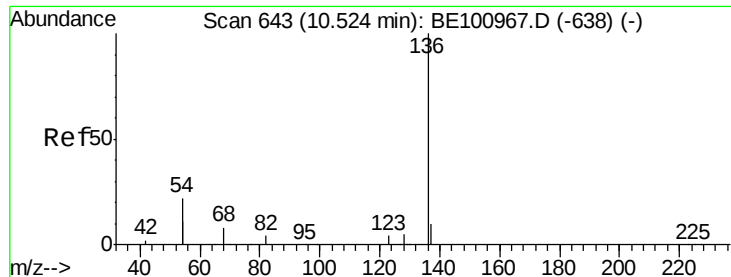
63 260.9 228.3 342.5

95 29.1 25.9 38.9



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: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 13673

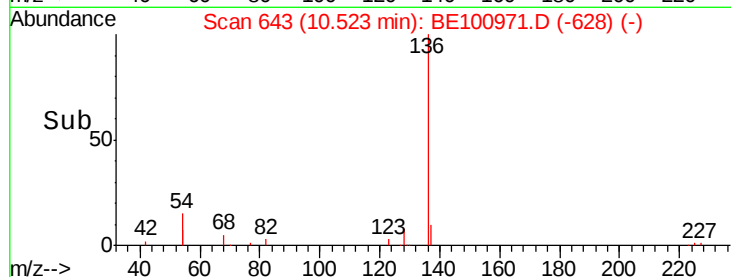
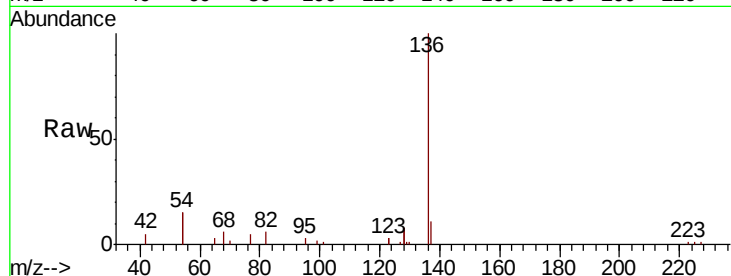
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 29.6 34.4 51.6#

68 6.3 7.8 11.6#

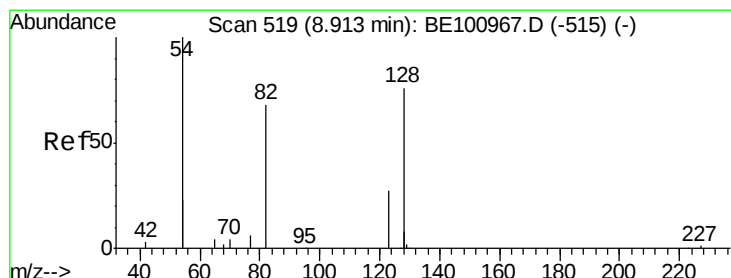
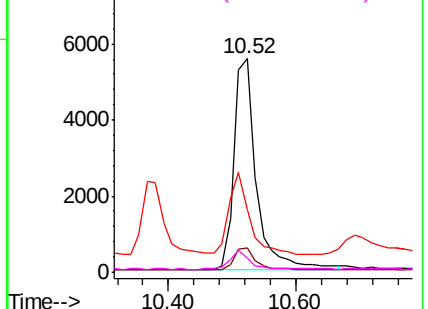


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.010 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

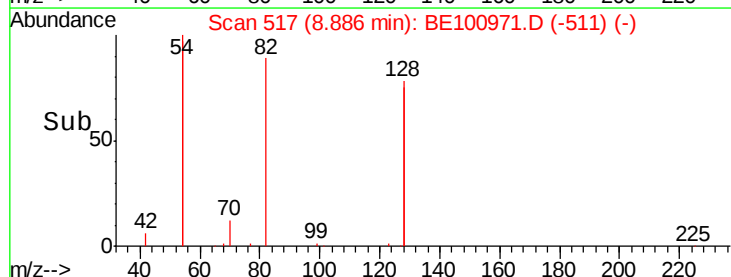
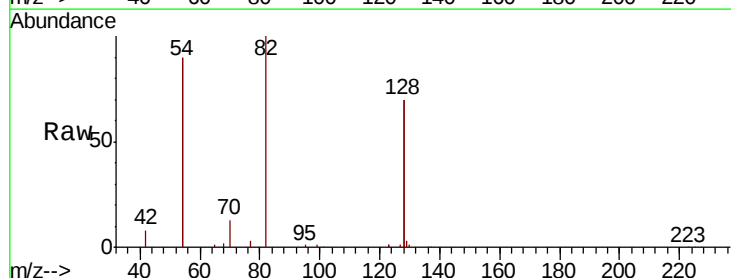
Tgt Ion: 82 Resp: 50665

Ion Ratio Lower Upper

82 100

128 139.4 140.2 210.2#

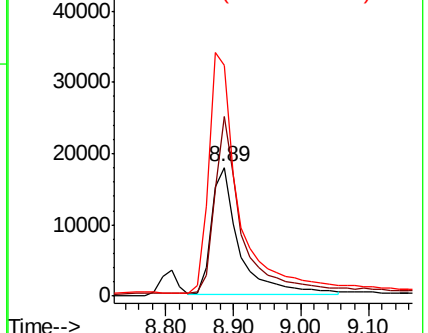
54 179.6 183.8 275.6#

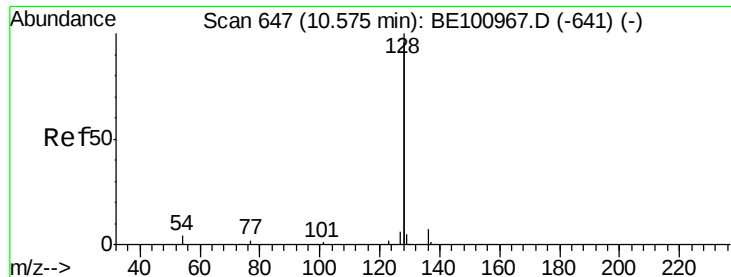


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 4.967 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

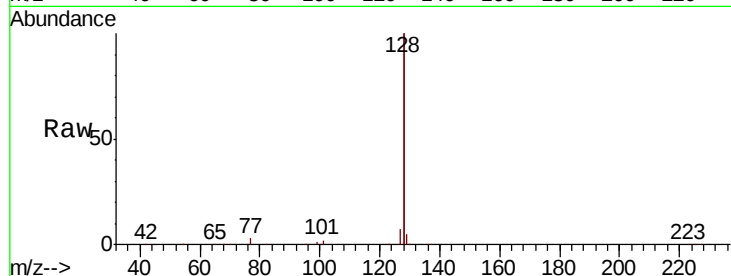
Tot Ion:128 Resp: 733610

Ion Ratio Lower Upper

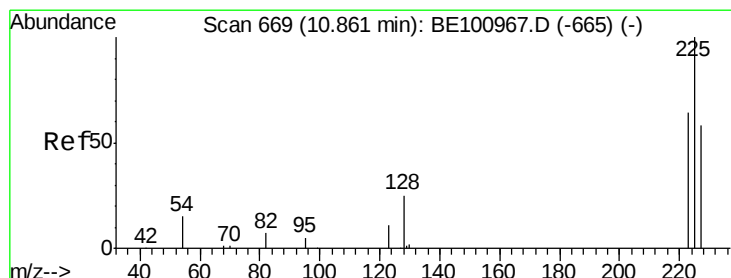
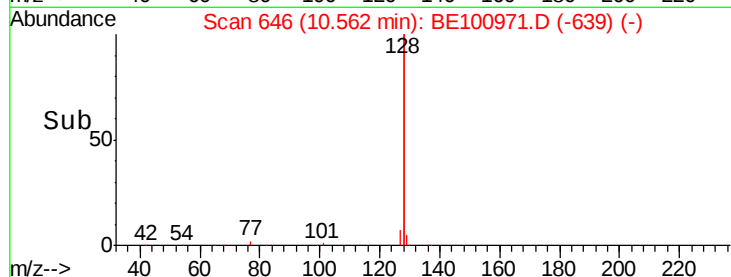
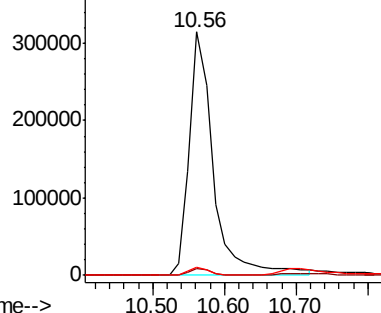
128 100

129 2.7 2.6 3.8

127 3.3 2.8 4.2



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: 4.604 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

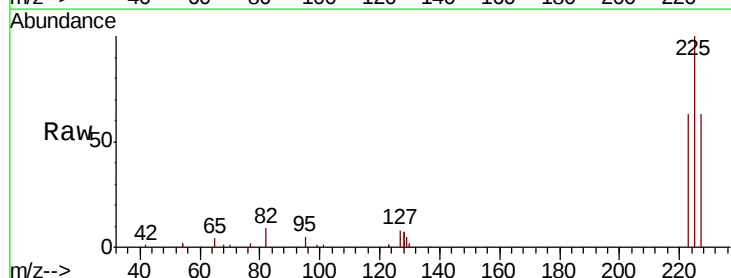
Tgt Ion:225 Resp: 29061

Ion Ratio Lower Upper

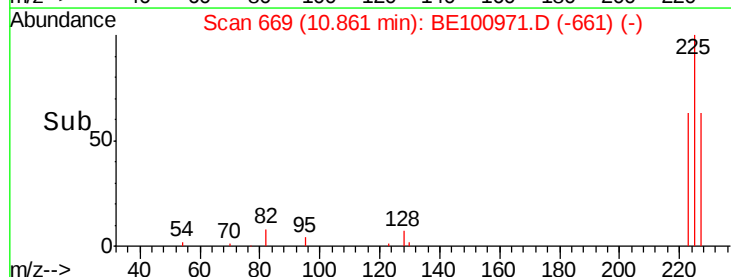
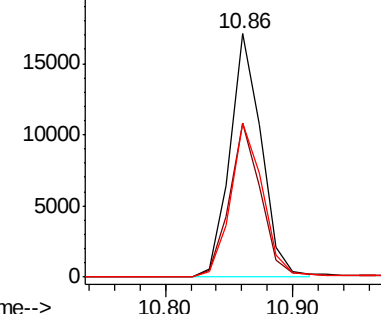
225 100

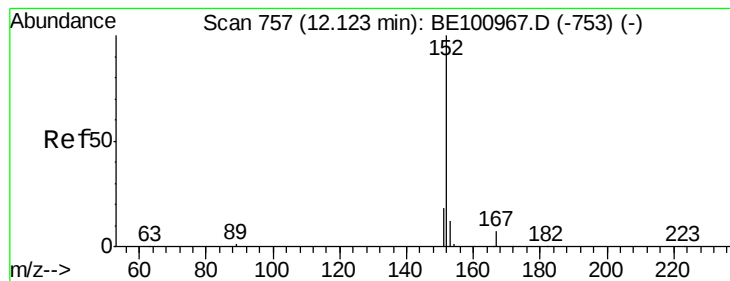
223 62.5 51.4 77.0

227 63.8 50.2 75.2



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: 5.007 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

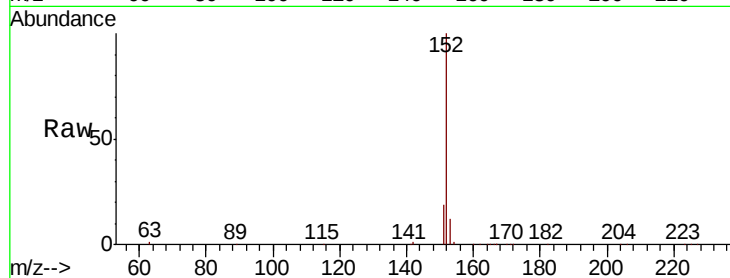
SSTDICC5.0

Tot Ion:152 Resp: 103048

Ion Ratio Lower Upper

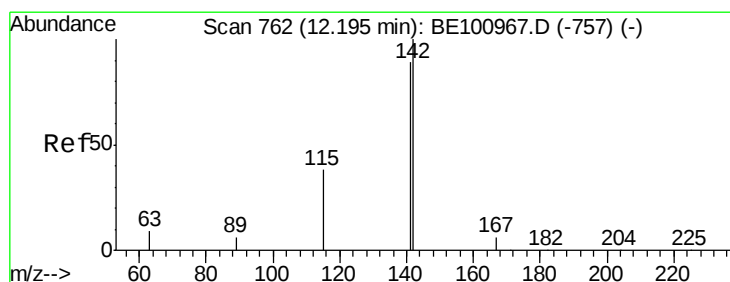
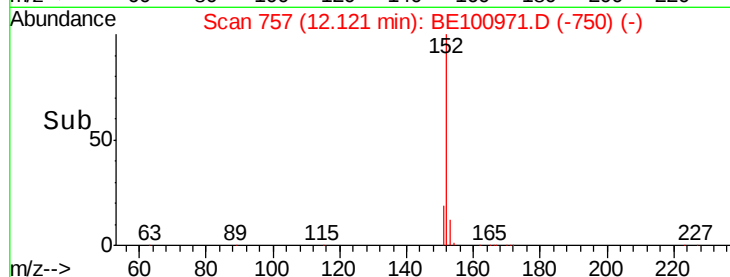
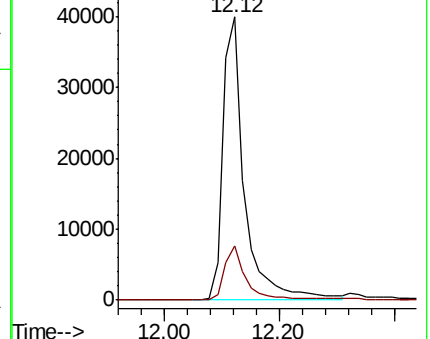
152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 5.417 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

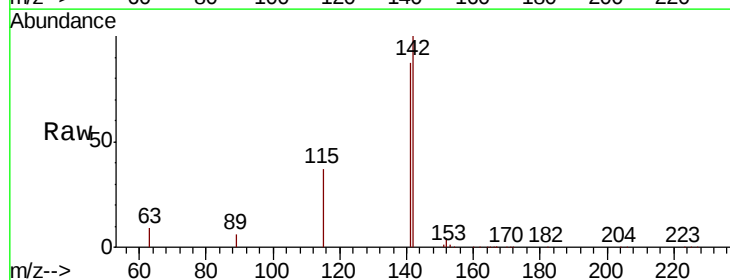
Tgt Ion:142 Resp: 112565

Ion Ratio Lower Upper

142 100

141 87.3 70.8 106.2

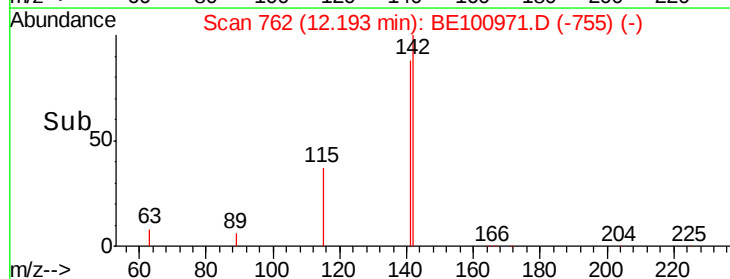
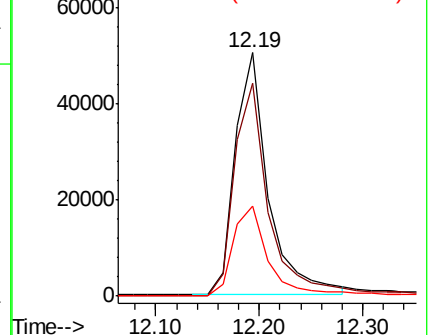
115 36.8 32.0 48.0

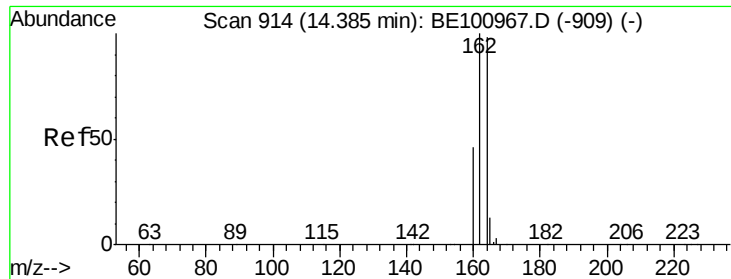


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

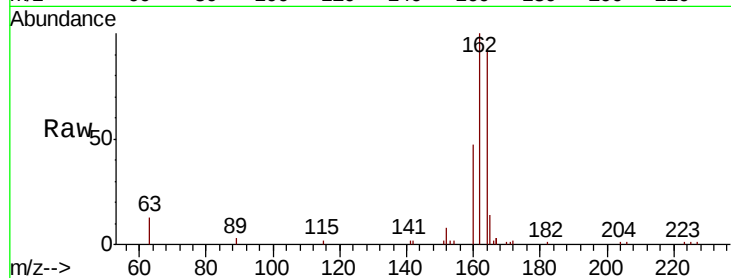




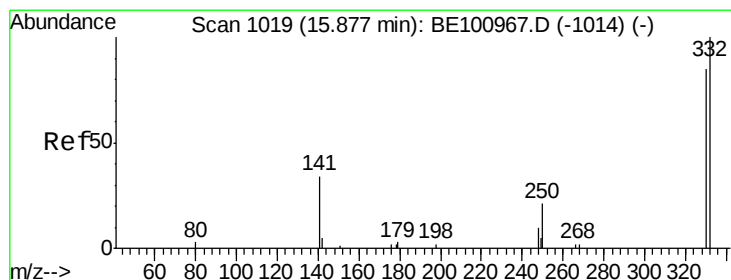
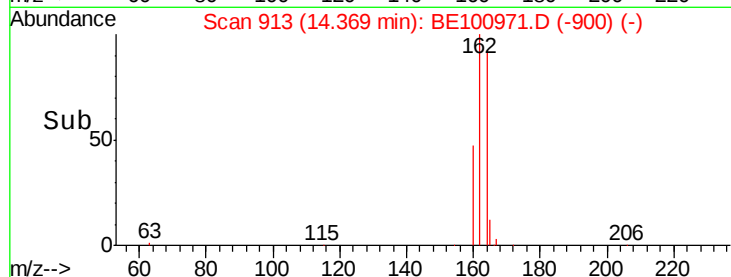
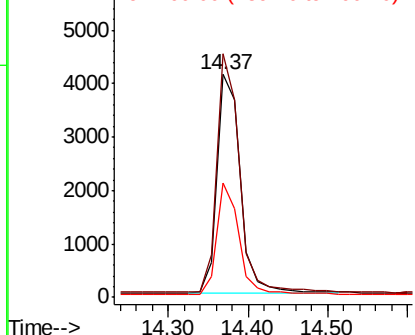
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:164 Resp: 8357
Ion Ratio Lower Upper
164 100
162 109.3 81.6 122.4
160 51.4 37.7 56.5

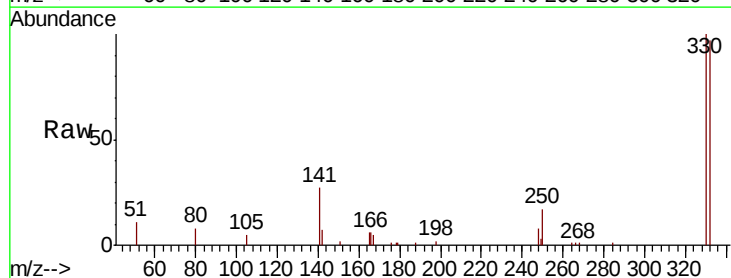


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

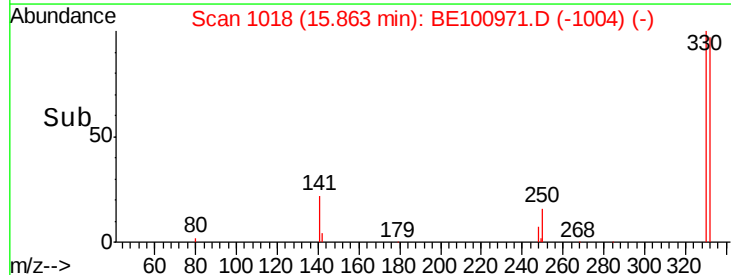
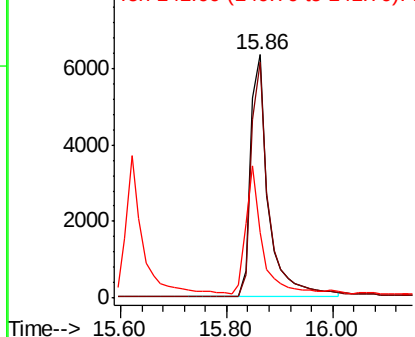


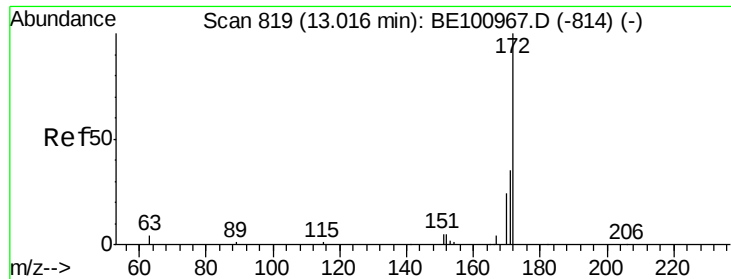
#14
2,4,6-Tribromophenol
Concen: 7.224 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:330 Resp: 14822
Ion Ratio Lower Upper
330 100
332 95.7 72.4 108.6
141 45.5 25.4 38.2#



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

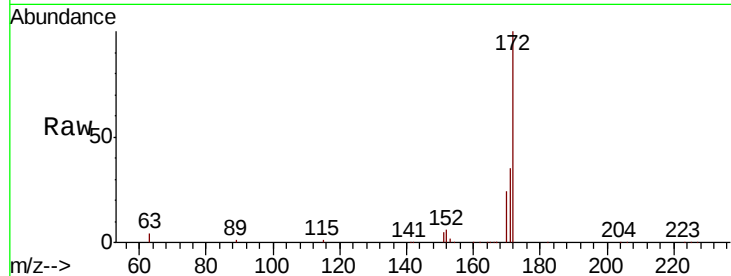




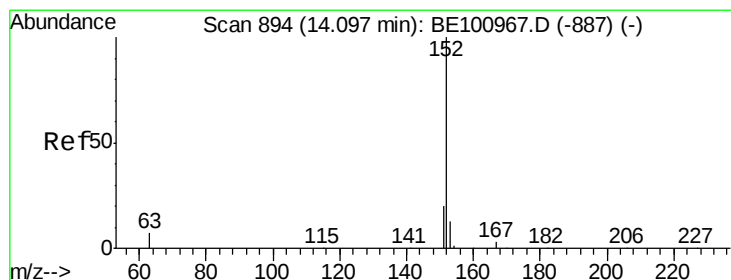
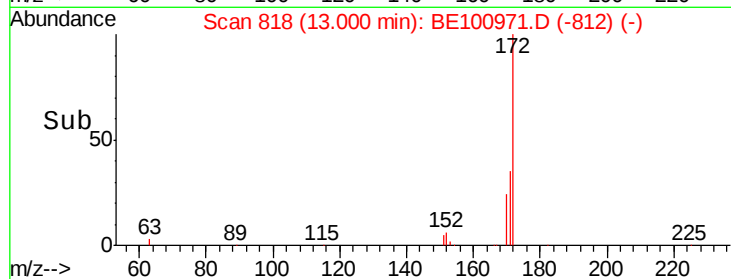
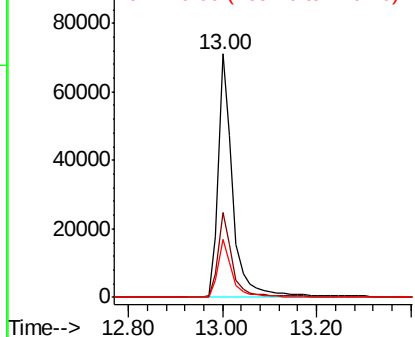
#15
2-Fluorobiphenyl
Concen: 5.127 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:172 Resp: 151585
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.6
170 24.0 20.0 30.0

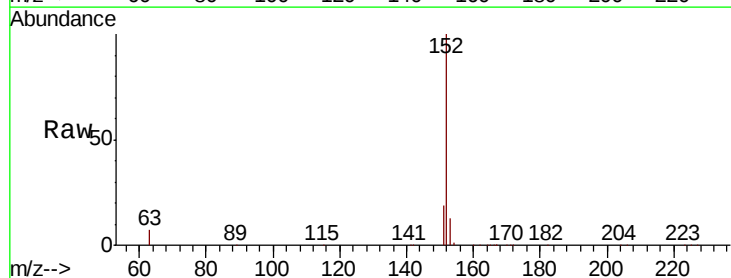


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

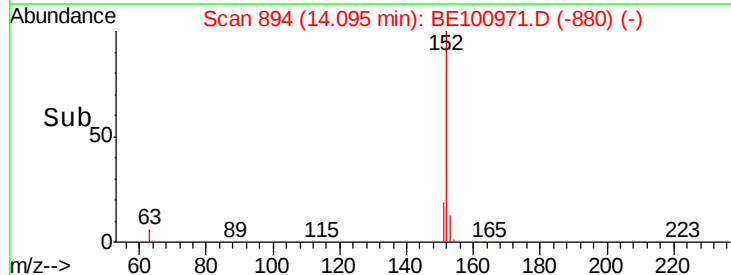
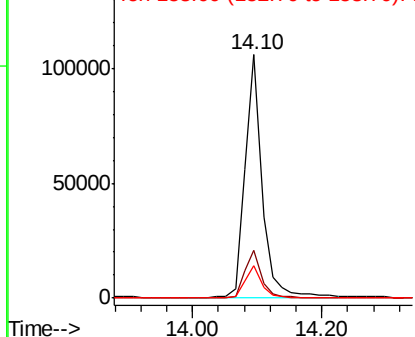


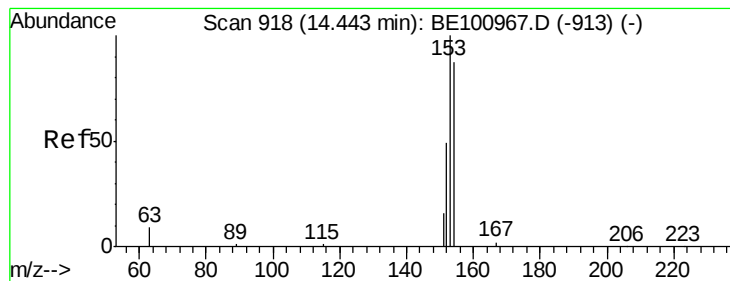
#16
Acenaphthylene
Concen: 5.614 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:152 Resp: 193312
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.1 10.5 15.7



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: 5.193 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

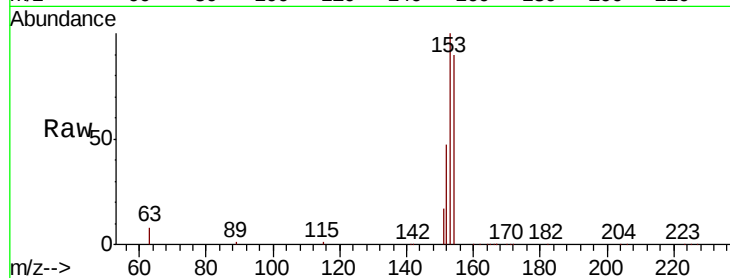
Tot Ion:154 Resp: 121605

Ion Ratio Lower Upper

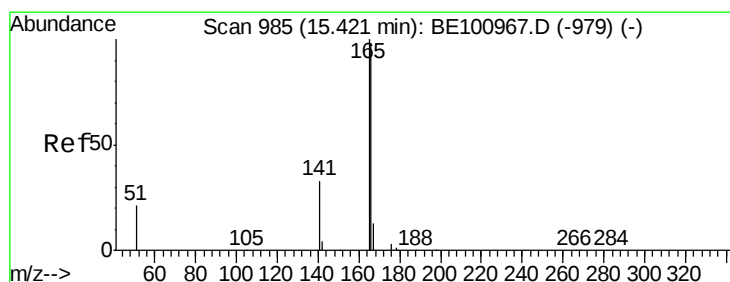
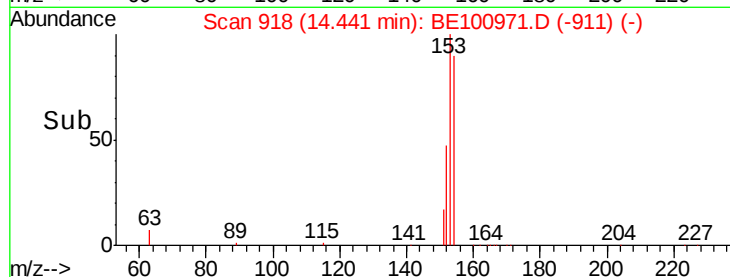
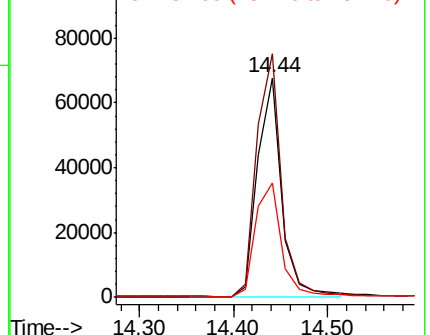
154 100

153 113.5 91.7 137.5

152 55.6 44.5 66.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 5.409 ng

RT: 15.41 min Scan# 984

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

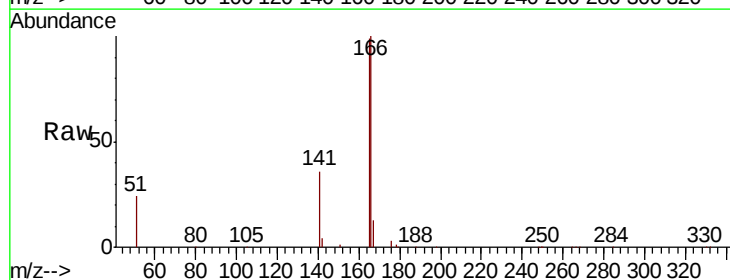
Tgt Ion:166 Resp: 160284

Ion Ratio Lower Upper

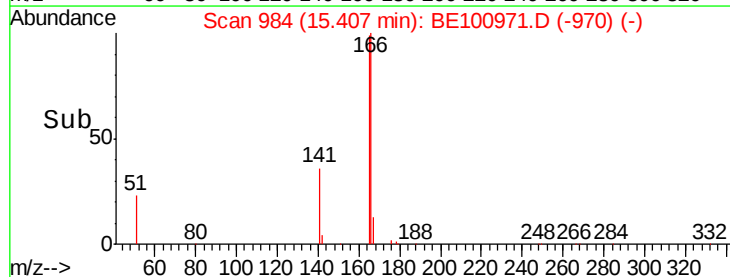
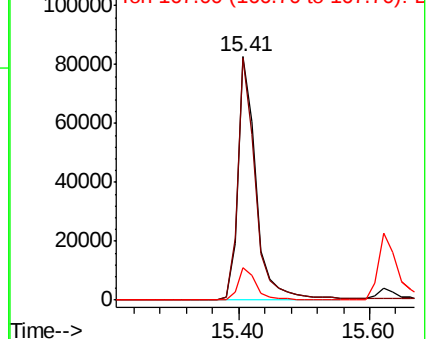
166 100

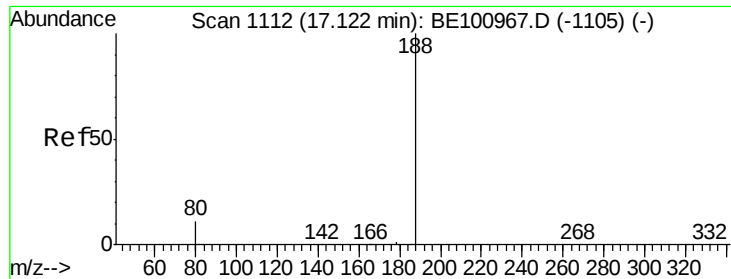
165 98.0 79.4 119.0

167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

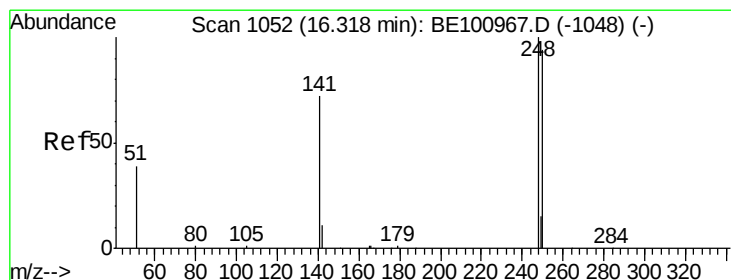
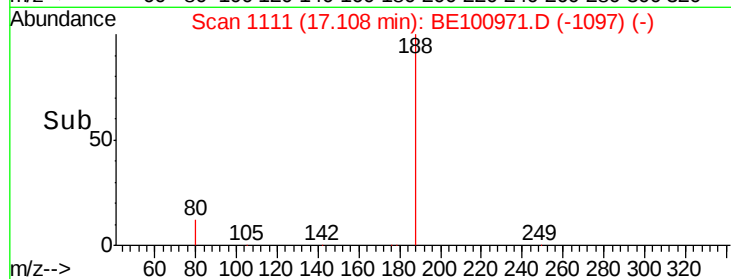
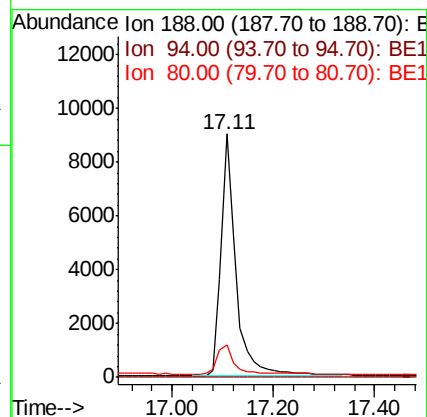
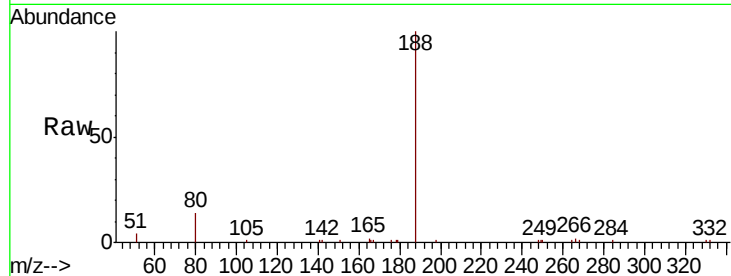




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

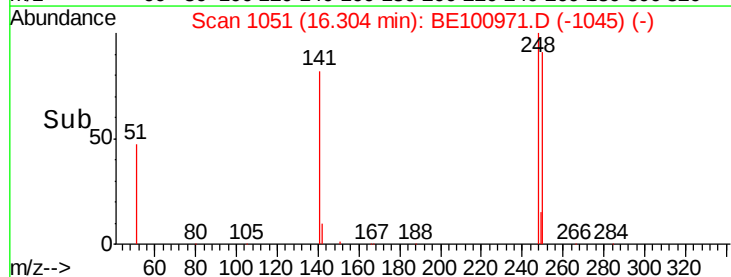
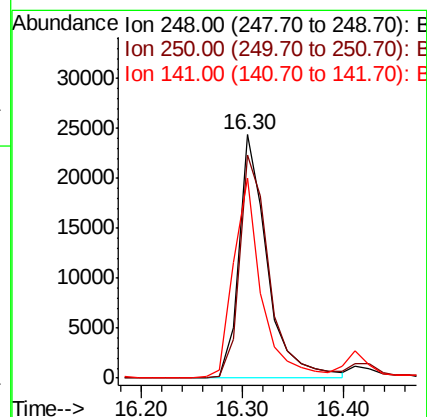
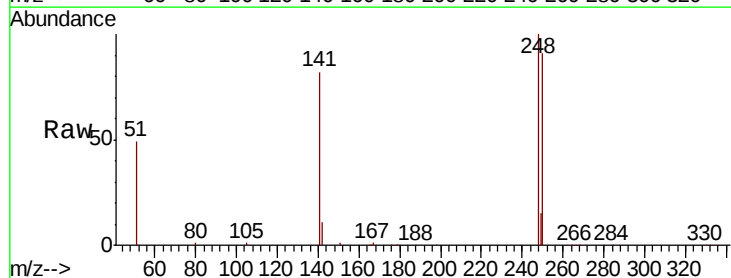
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

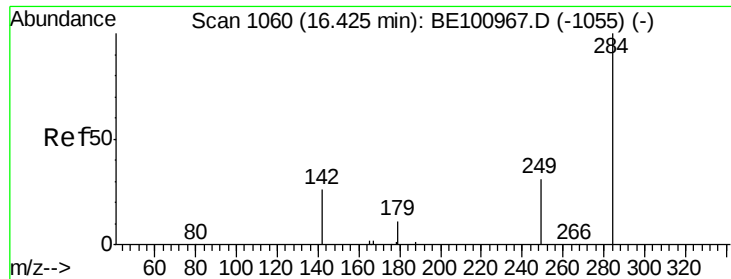
Tot Ion:188 Resp: 18463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 9.7 14.5



#20
4-Bromophenyl-phenylether
Concen: 5.730 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:248 Resp: 47055
Ion Ratio Lower Upper
248 100
250 91.4 76.0 114.0
141 82.3 61.0 91.6





#21

Hexachlorobenzene

Concen: 5.164 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

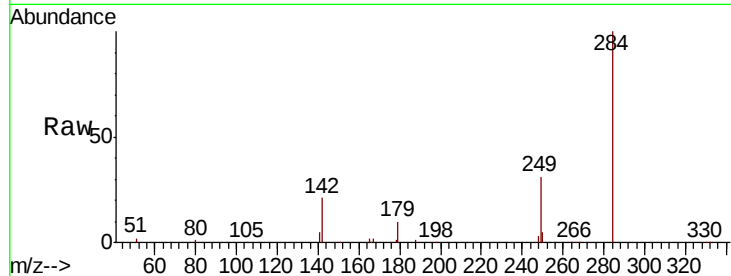
Tot Ion:284 Resp: 48337

Ion Ratio Lower Upper

284 100

142 42.1 33.3 49.9

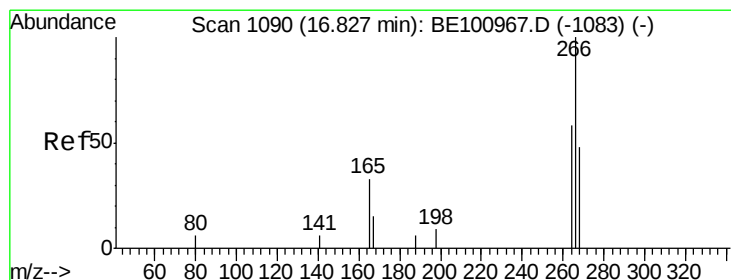
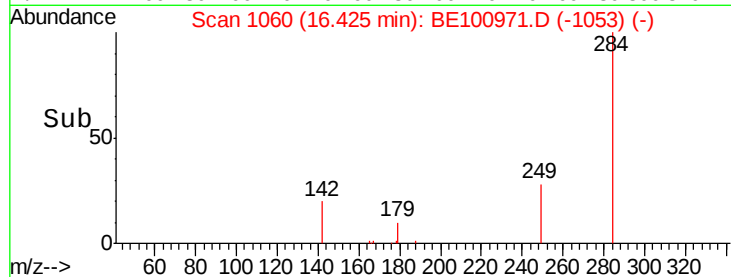
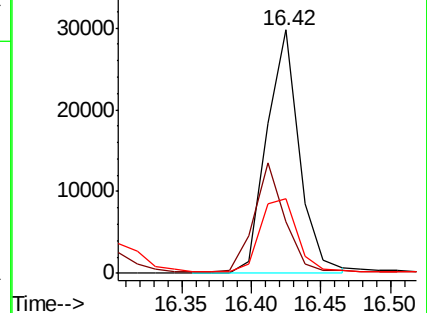
249 34.0 27.2 40.8



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: 6.060 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

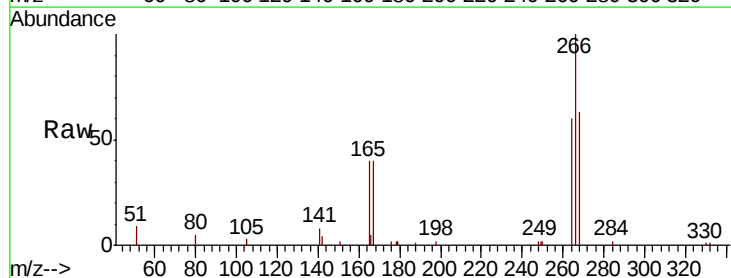
Tgt Ion:266 Resp: 8389

Ion Ratio Lower Upper

266 100

264 60.5 62.3 93.5#

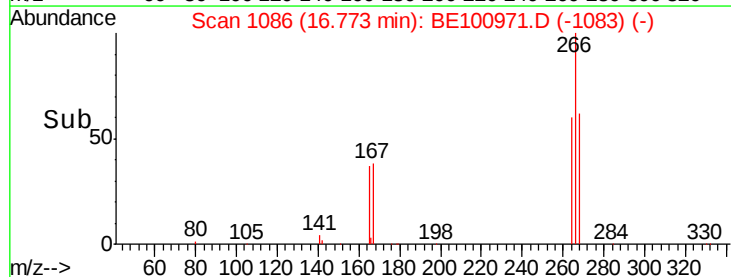
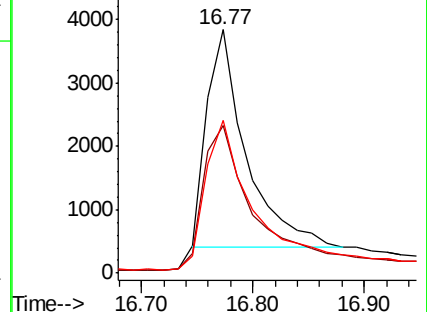
268 62.7 66.1 99.1#

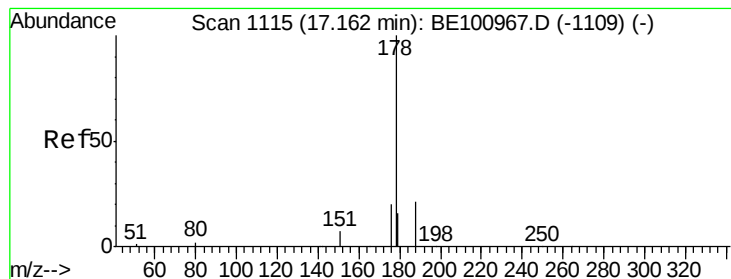


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.538 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

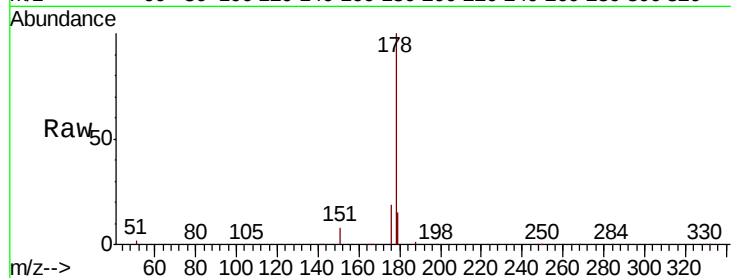
Tot Ion:178 Resp: 266505

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.2 12.6 18.8

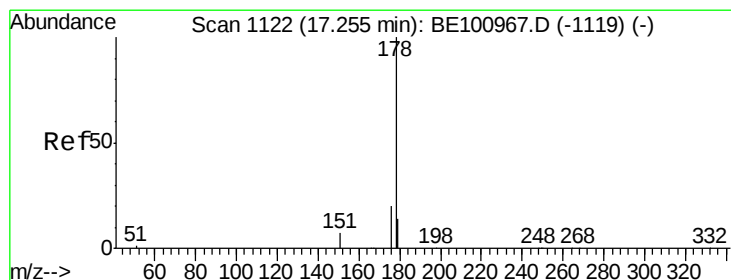
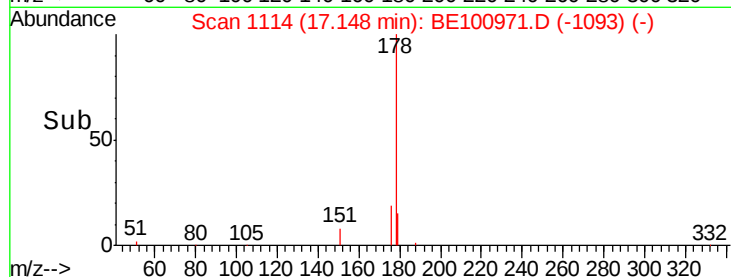
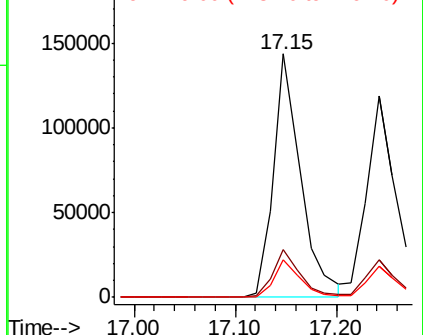


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 7.116 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

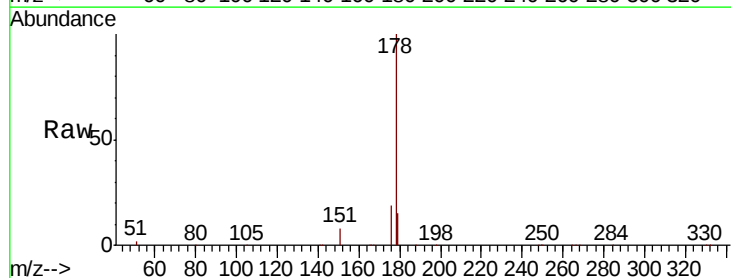
Tgt Ion:178 Resp: 230143

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.3 12.5 18.7

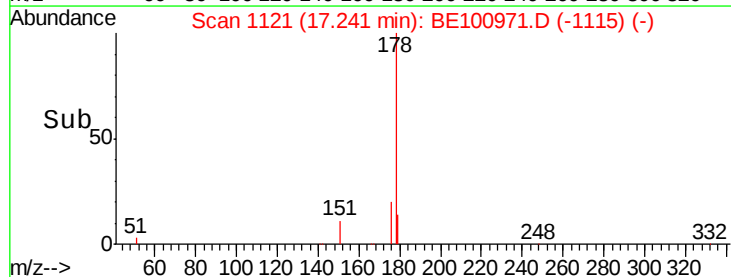
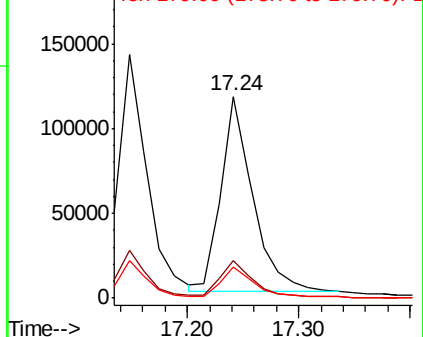


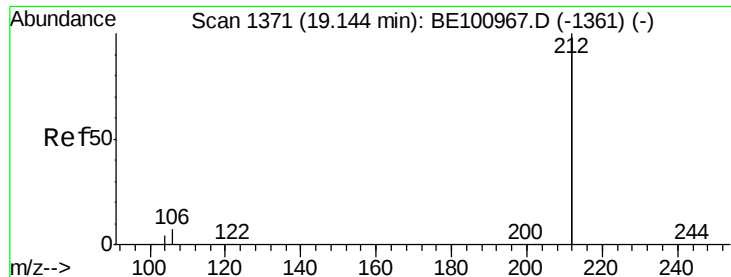
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

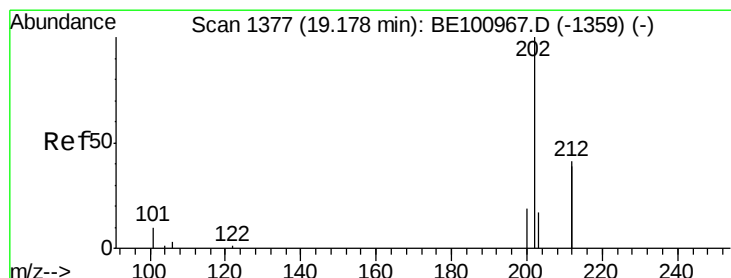
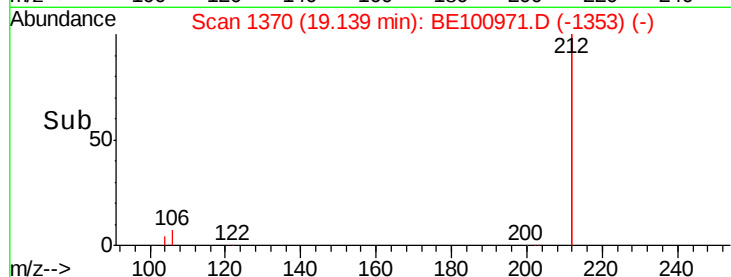
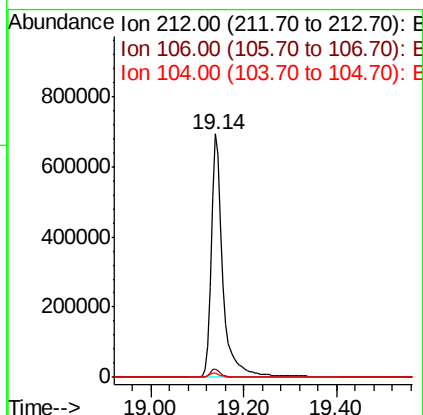
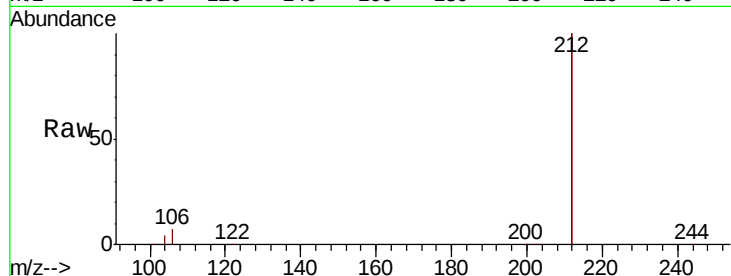




#25
Fluoranthene-d10
Concen: 5.359 ng
RT: 19.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

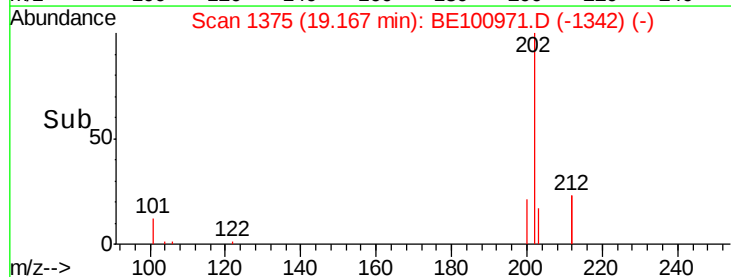
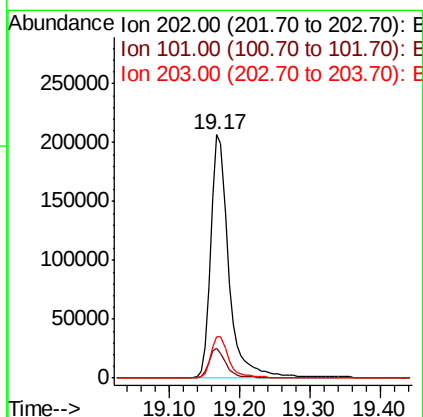
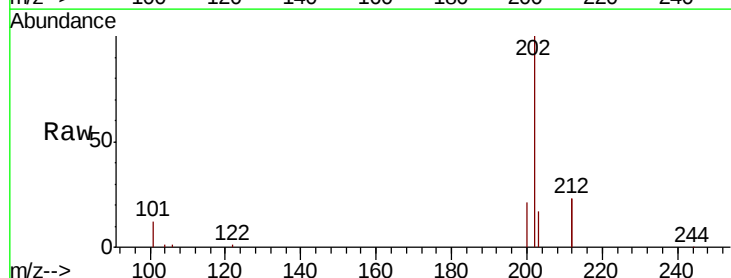
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

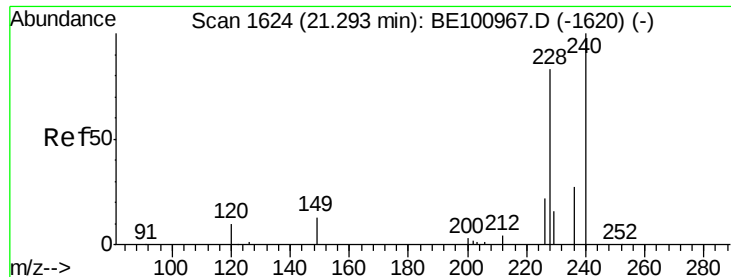
Tot Ion:212 Resp: 1238419
Ion Ratio Lower Upper
212 100
106 3.5 2.4 3.6
104 1.9 1.4 2.0



#26
Fluoranthene
Concen: 5.485 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:202 Resp: 366424
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.4
203 17.0 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

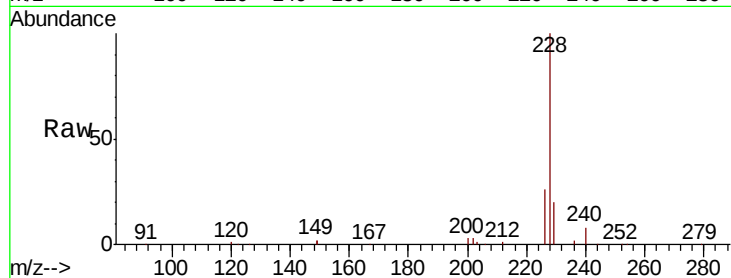
Tot Ion:240 Resp: 22183

Ion Ratio Lower Upper

240 100

120 15.8 10.2 15.4#

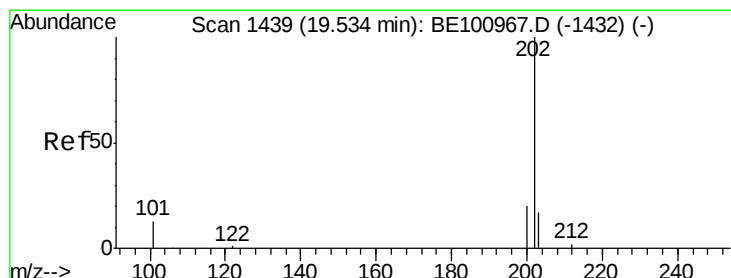
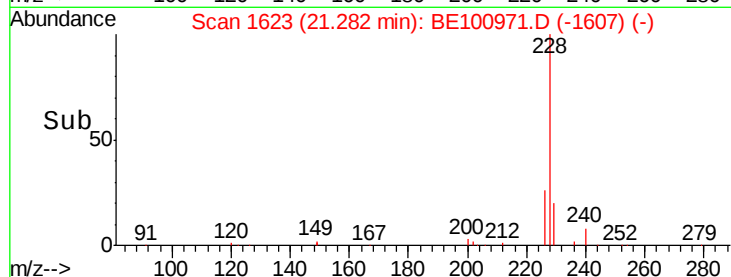
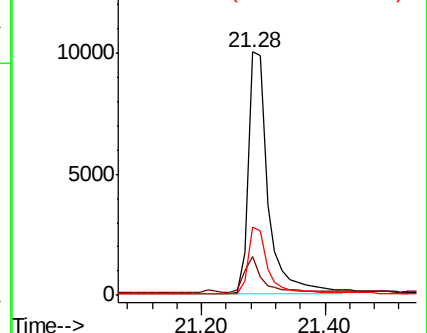
236 28.0 22.6 34.0



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: 4.742 ng

RT: 19.53 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

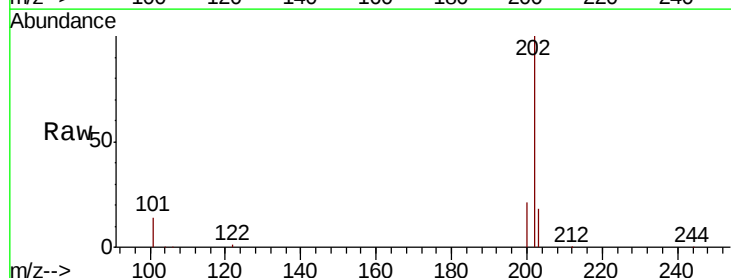
Tgt Ion:202 Resp: 376039

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

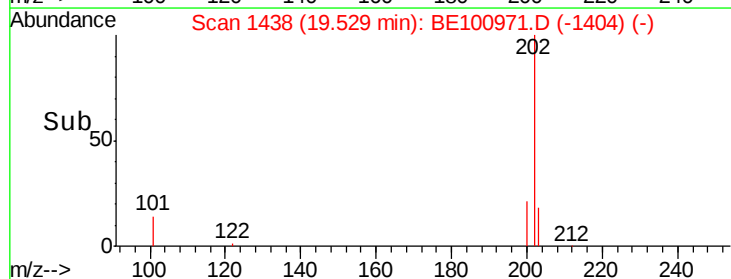
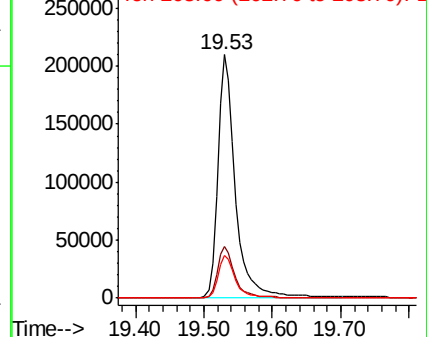
203 17.6 13.8 20.6

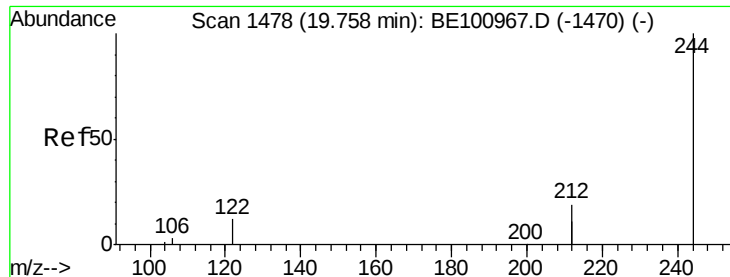


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.151 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

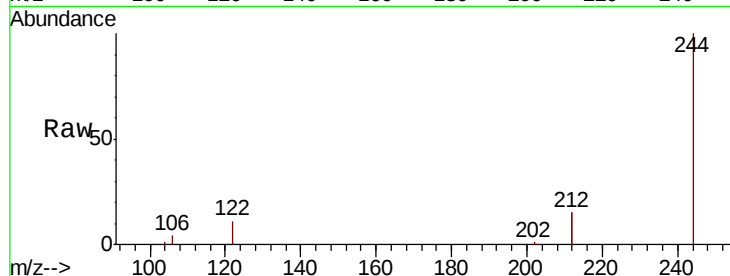
Tot Ion:244 Resp: 260639

Ion Ratio Lower Upper

244 100

212 30.7 29.3 43.9

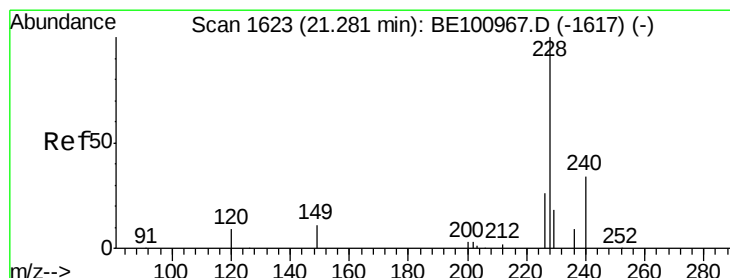
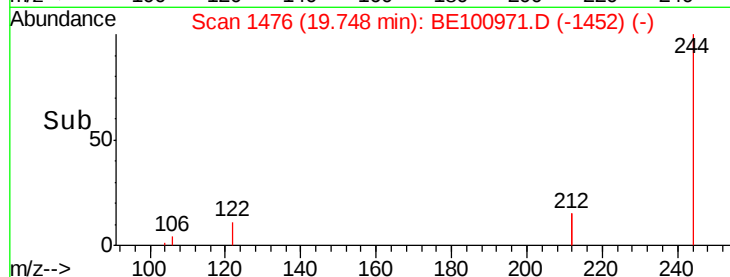
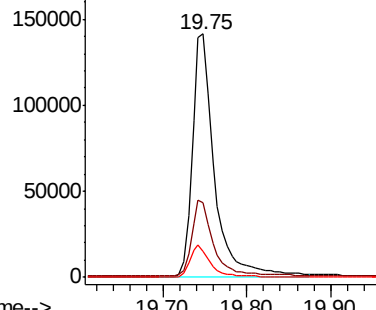
122 10.9 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.638 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

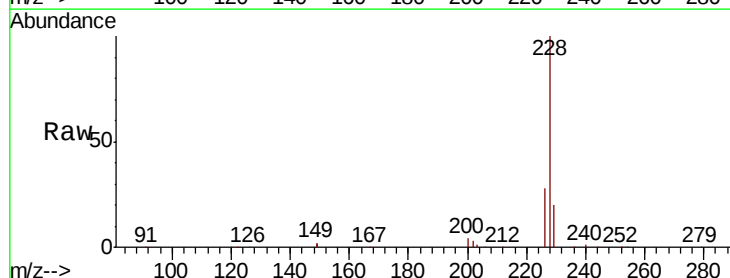
Tgt Ion:228 Resp: 327838

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

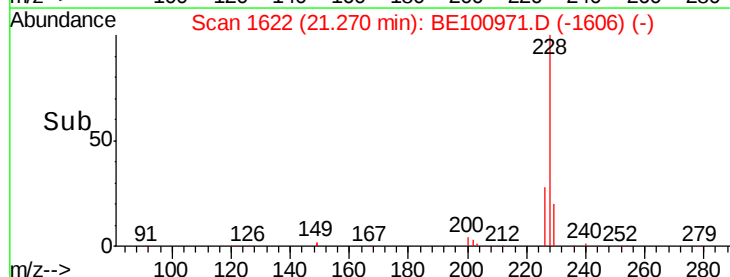
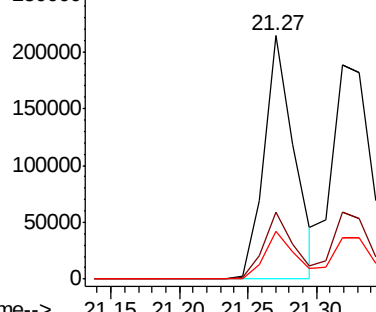
229 19.7 15.4 23.0

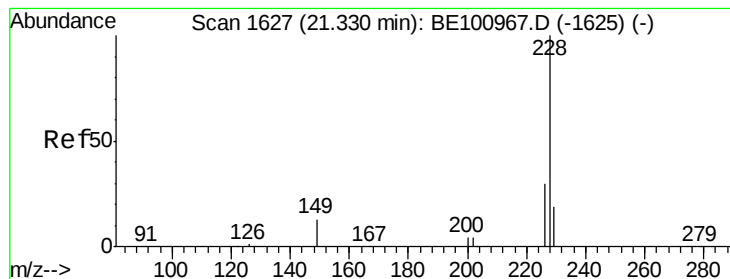


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.249 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

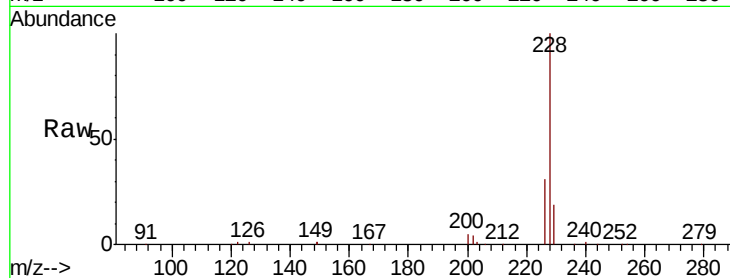
Tot Ion:228 Resp: 384630

Ion Ratio Lower Upper

228 100

226 31.1 23.6 35.4

229 19.1 15.7 23.5

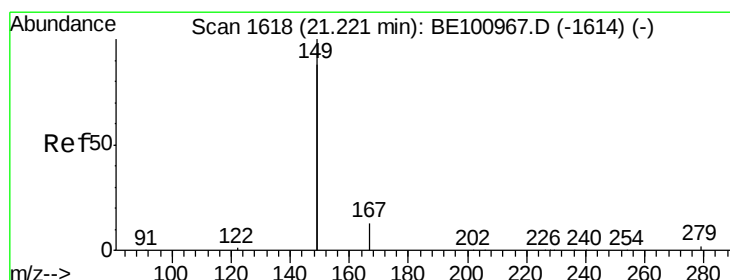
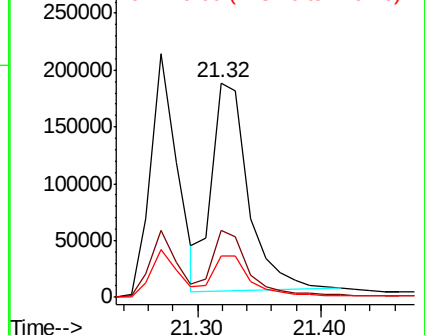
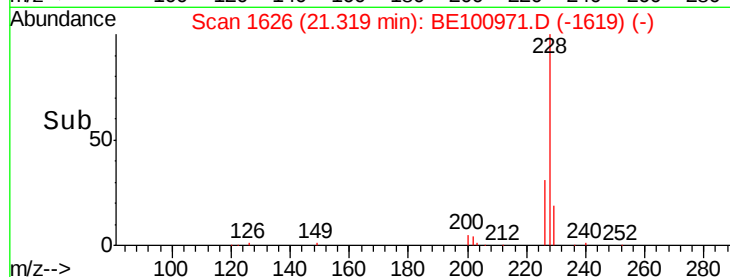


Abundance

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: 4.119 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

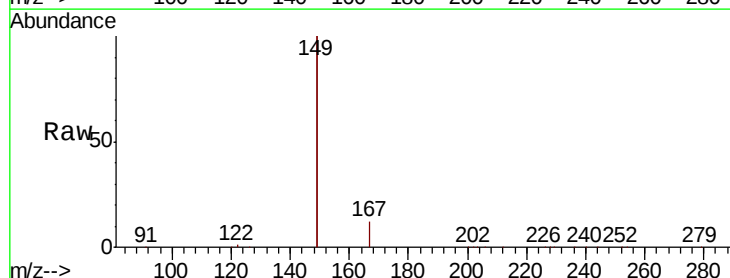
Tgt Ion:149 Resp: 753590

Ion Ratio Lower Upper

149 100

167 6.5 5.1 7.7

279 0.8 0.6 1.0

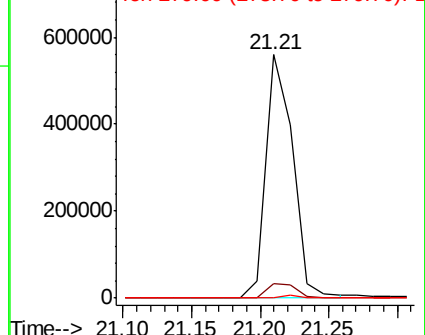
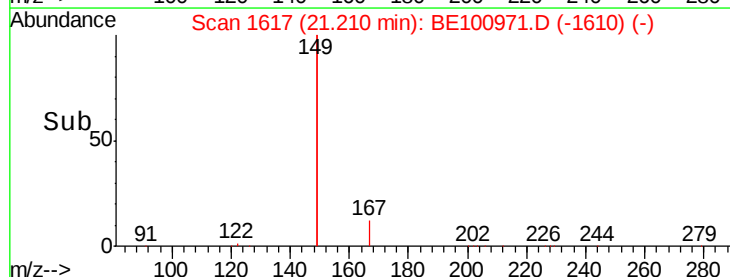


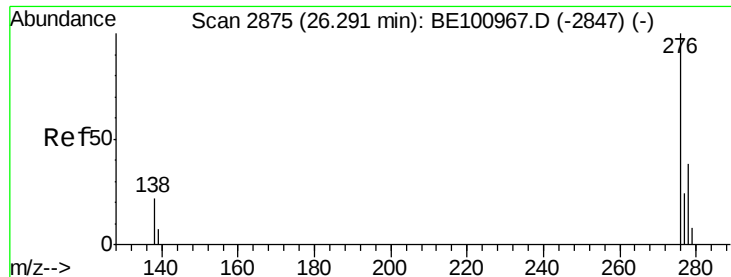
Abundance

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

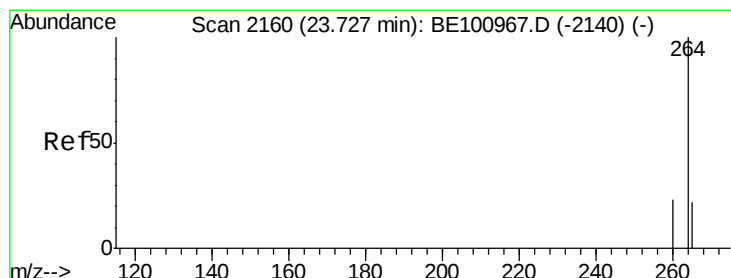
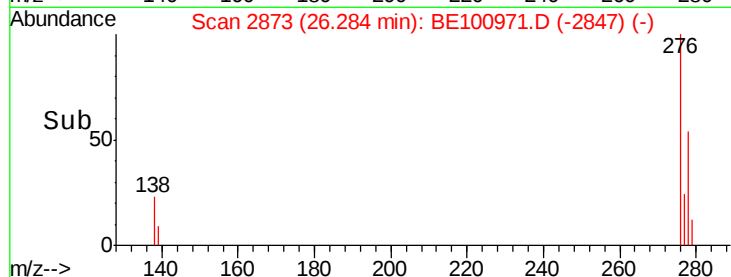
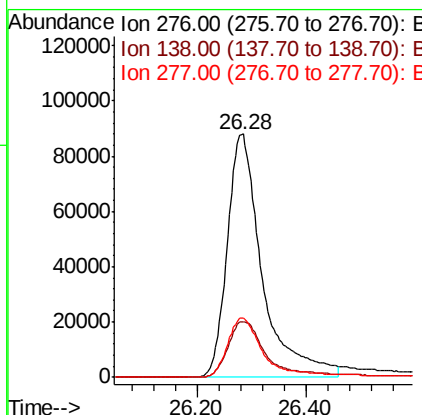
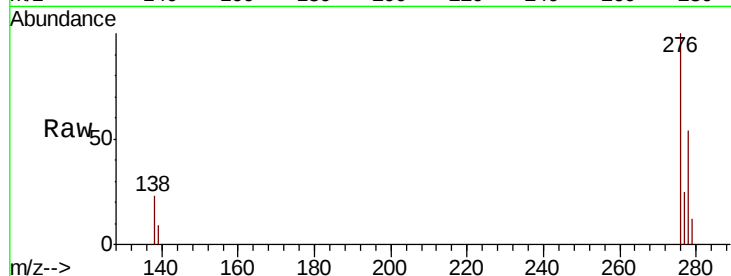




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.154 ng
 RT: 26.28 min Scan# 2873
 Delta R.T. -0.01 min
 Lab File: BE100971.D
 Acq: 24 Dec 2019 12:55

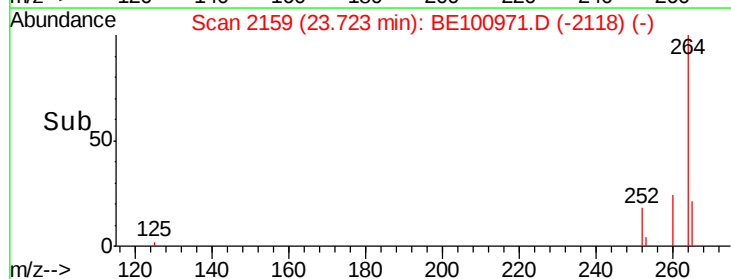
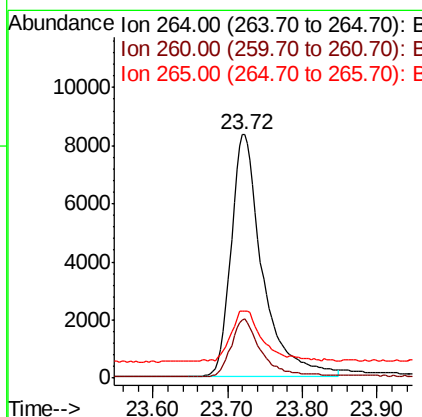
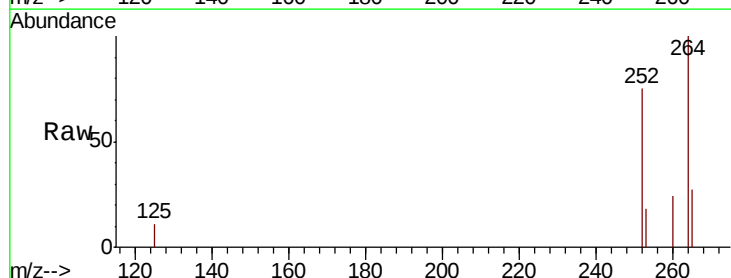
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

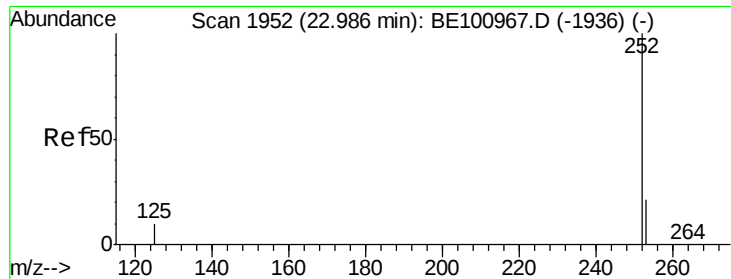
Tot Ion:276 Resp: 395181
 Ion Ratio Lower Upper
 276 100
 138 24.9 14.8 22.2#
 277 24.9 18.0 27.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BE100971.D
 Acq: 24 Dec 2019 12:55

Tgt Ion:264 Resp: 24276
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 27.5 26.6 40.0





#35

Benzo(b)fluoranthene

Concen: 6.021 ng

RT: 22.98 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

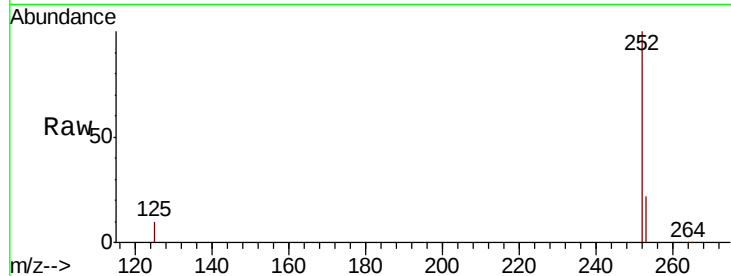
Tot Ion:252 Resp: 324148

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

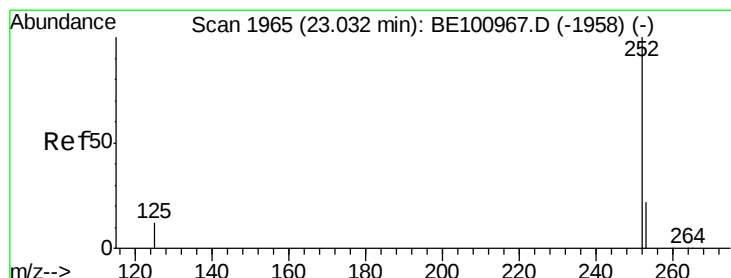
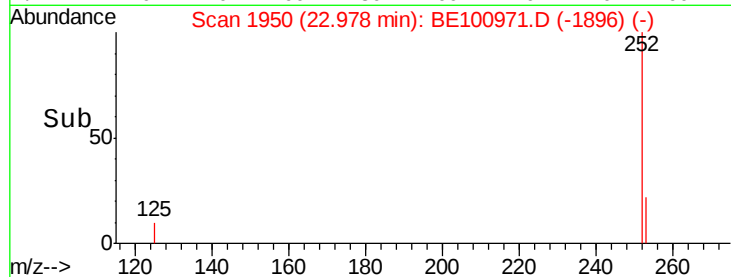
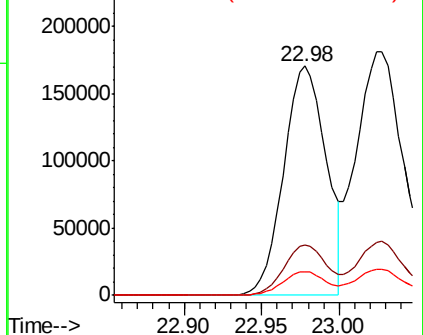
125 10.5 9.7 14.5



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: 6.214 ng

RT: 23.02 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

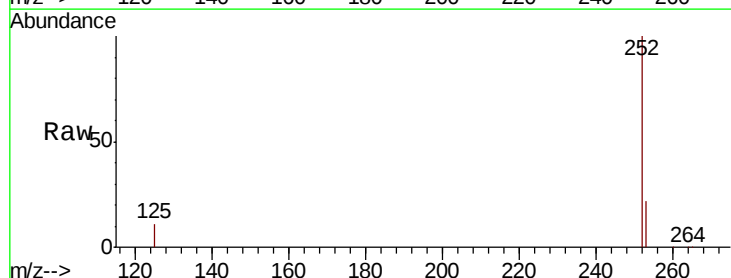
Tgt Ion:252 Resp: 446430

Ion Ratio Lower Upper

252 100

253 21.9 18.9 28.3

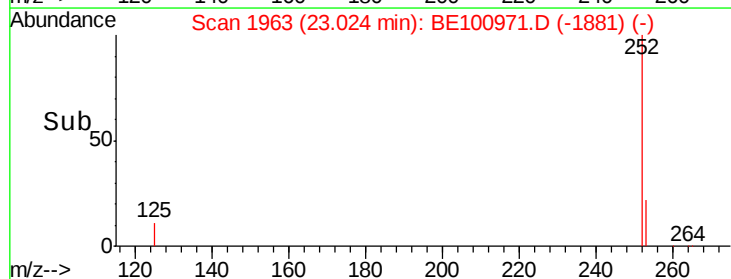
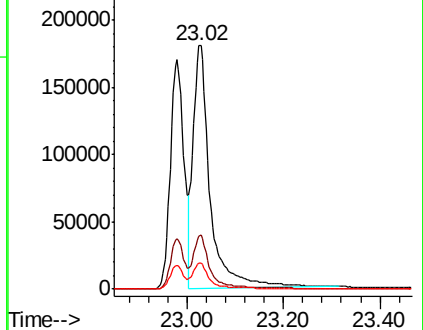
125 10.9 11.2 16.8#

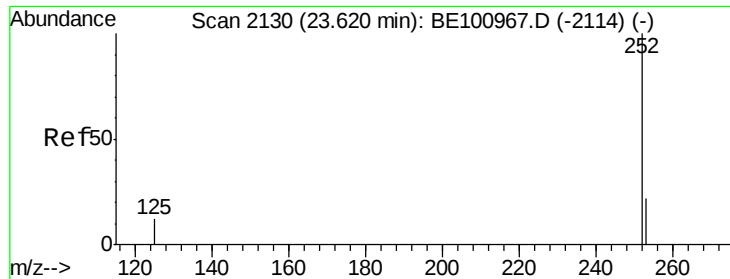


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 5.405 ng

RT: 23.61 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

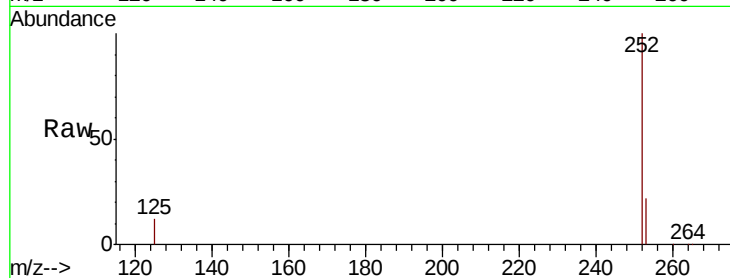
Tot Ion:252 Resp: 331404

Ion Ratio Lower Upper

252 100

253 21.9 20.1 30.1

125 11.5 12.6 18.8#

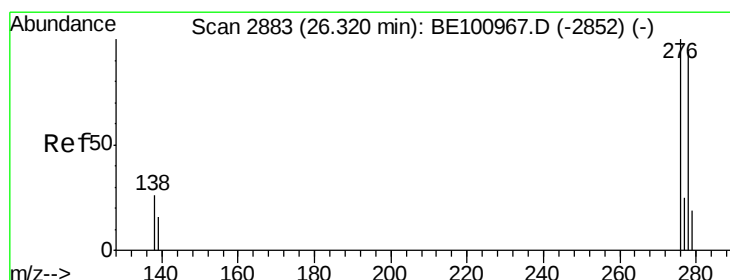
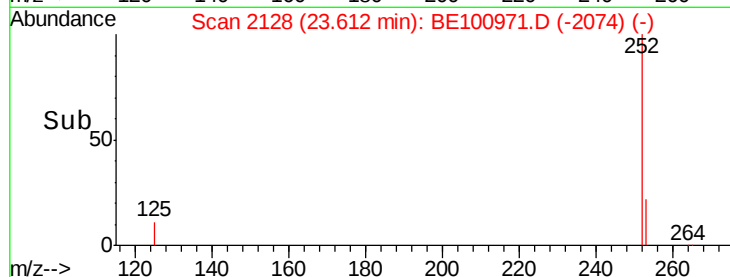
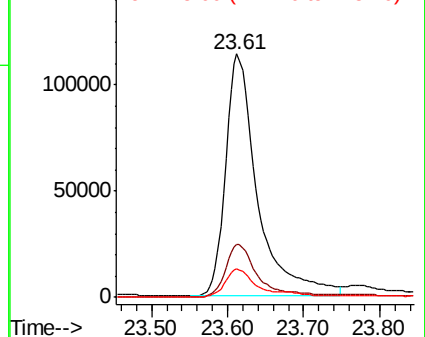


Abundance

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: 6.124 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

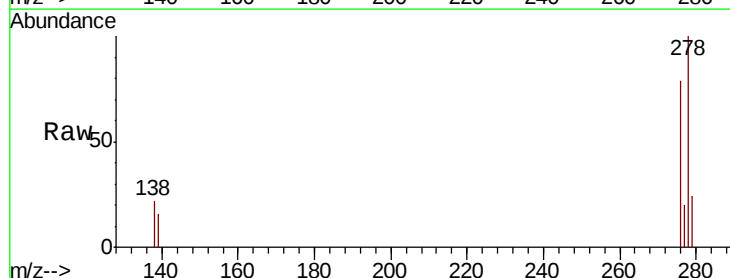
Tgt Ion:278 Resp: 316269

Ion Ratio Lower Upper

278 100

139 16.2 16.4 24.6#

279 23.5 19.3 28.9

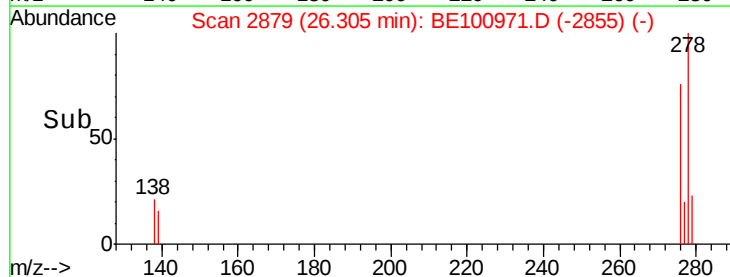
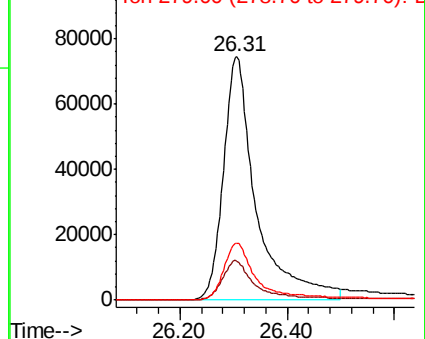


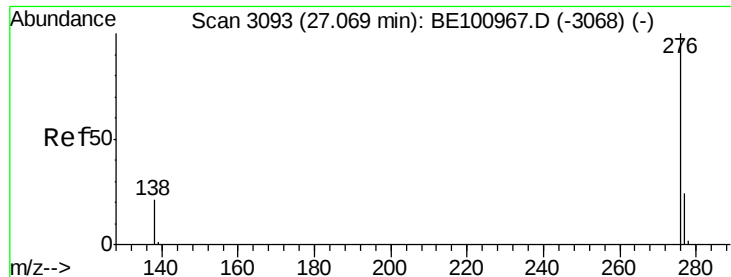
Abundance

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: 5.425 ng

RT: 27.06 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BE100971.D

Acq: 24 Dec 2019 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

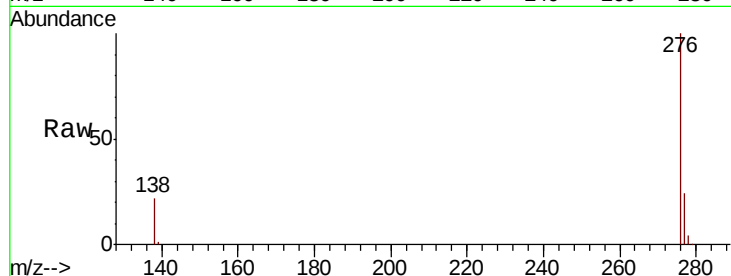
Tot Ion: 276 Resp: 346263

Ion Ratio Lower Upper

276 100

277 23.8 20.0 30.0

138 21.9 18.6 27.8



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

