

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
 Data File : BE100775.D
 Acq On : 4 Dec 2019 14:28
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Dec 04 15:53:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 14:31:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5496	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24555	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12917	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29329	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	32135	0.40	ng	0.00
34) Perylene-d12	23.76	264	33422	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	9452	0.64	ng	0.00
5) Phenol-d6	6.93	99	14401	0.67	ng	0.00
8) Nitrobenzene-d5	8.90	82	8403	1.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	27317	0.76	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1135	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	39506	0.79	ng	0.00
25) Fluoranthene-d10	19.16	212	261547	0.73	ng	0.00
29) Terphenyl-d14	19.76	244	59812	0.81	ng	0.00

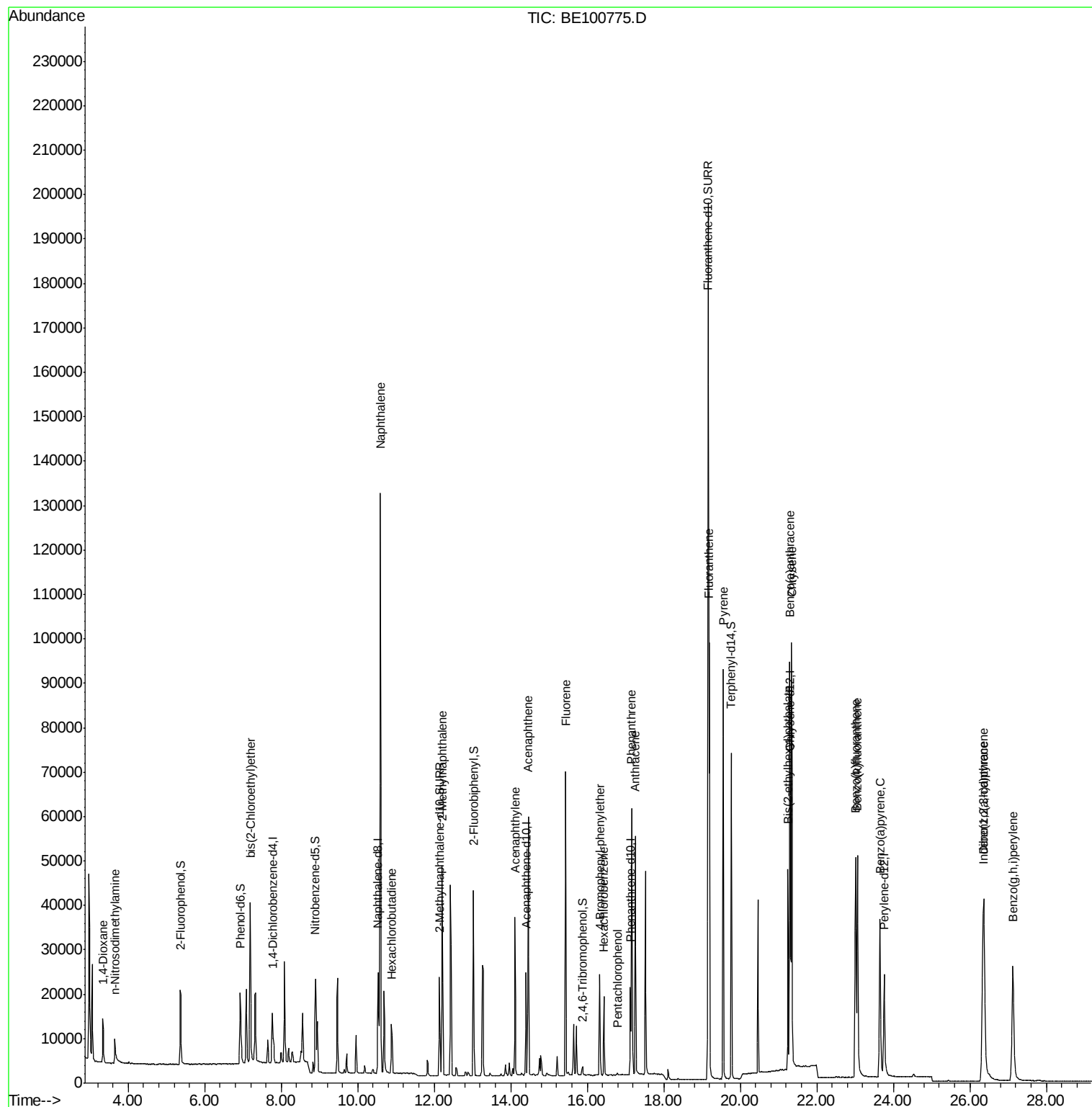
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	7122	0.691	ng	94
3) n-Nitrosodimethylamine	3.65	42	6216	0.818	ng	# 95
6) bis(2-Chloroethyl)ether	7.19	93	14273	0.793	ng	99
9) Naphthalene	10.59	128	199662	0.766	ng	100
10) Hexachlorobutadiene	10.89	225	7669	0.766	ng	99
12) 2-Methylnaphthalene	12.21	142	30965	0.751	ng	99
16) Acenaphthylene	14.11	152	39330	0.707	ng	100
17) Acenaphthene	14.46	154	28193	0.756	ng	100
18) Fluorene	15.43	166	37042	0.778	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	10742	0.744	ng	95
21) Hexachlorobenzene	16.44	284	12195	0.810	ng	99
22) Pentachlorophenol	16.79	266	341	0.125	ng	87
23) Phenanthrene	17.16	178	68404	0.774	ng	100
24) Anthracene	17.26	178	55135	0.724	ng	99
26) Fluoranthene	19.19	202	82875	0.767	ng	100
28) Pyrene	19.55	202	80205	0.806	ng	100
30) Benzo(a)anthracene	21.29	228	71045	0.655	ng	100
31) Chrysene	21.34	228	87420	0.793	ng	100
32) Bis(2-ethylhexyl)phthalate	21.24	149	53400	0.274	ng	100
33) Indeno(1,2,3-cd)pyrene	26.34	276	74013	0.641	ng	99
35) Benzo(b)fluoranthene	23.01	252	69174	0.660	ng	99
36) Benzo(k)fluoranthene	23.06	252	78943	0.722	ng	99
37) Benzo(a)pyrene	23.65	252	59238	0.640	ng	97
38) Dibenzo(a,h)anthracene	26.37	278	61244	0.630	ng	99
39) Benzo(g,h,i)perylene	27.12	276	64452	0.636	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: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

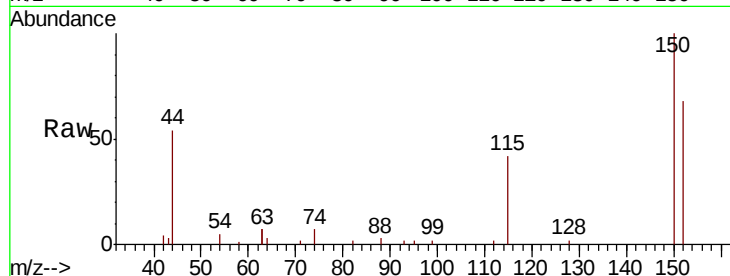
Tot Ion:152 Resp: 5496

Ion Ratio Lower Upper

152 100

150 147.3 120.6 181.0

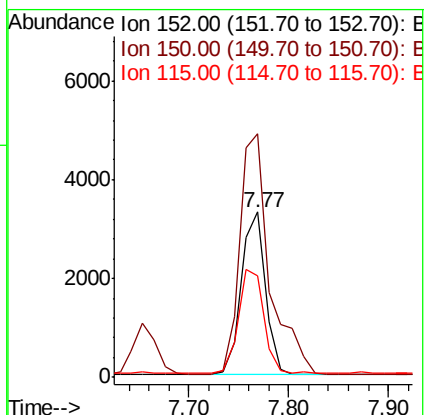
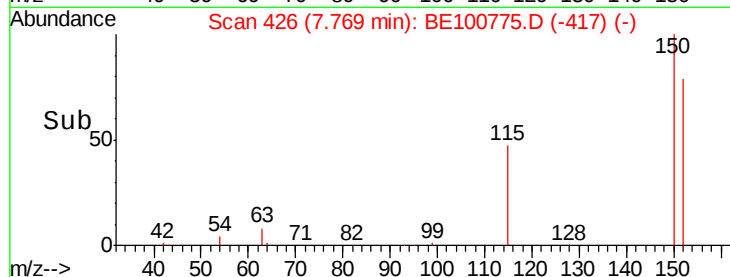
115 61.2 47.4 71.2



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: 0.691 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

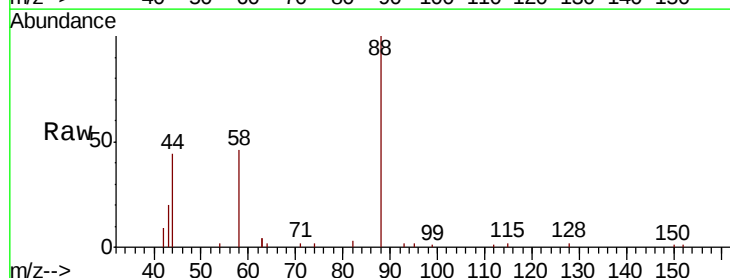
Tgt Ion: 88 Resp: 7122

Ion Ratio Lower Upper

88 100

58 71.4 52.5 78.7

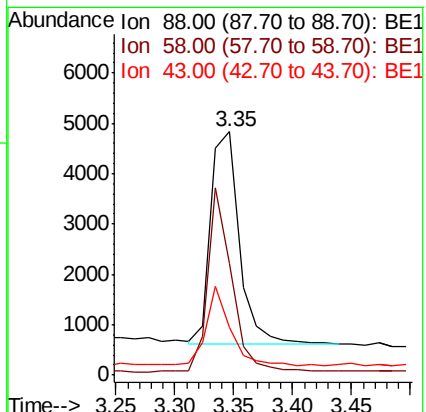
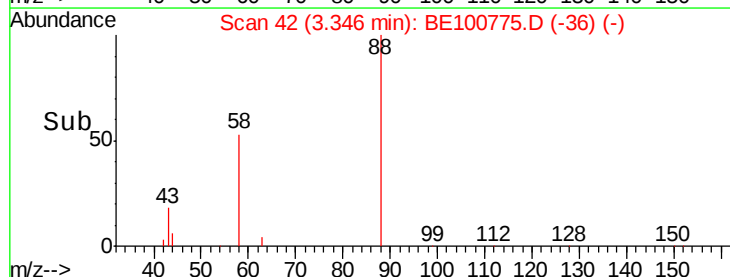
43 30.8 23.0 34.6

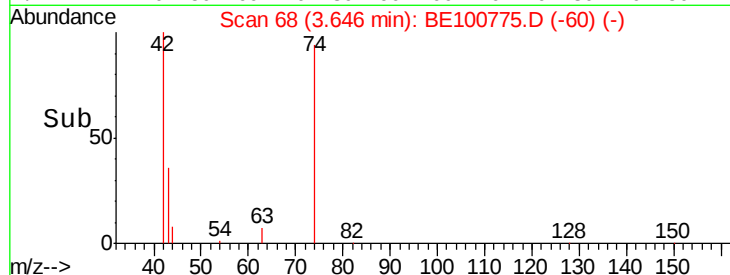
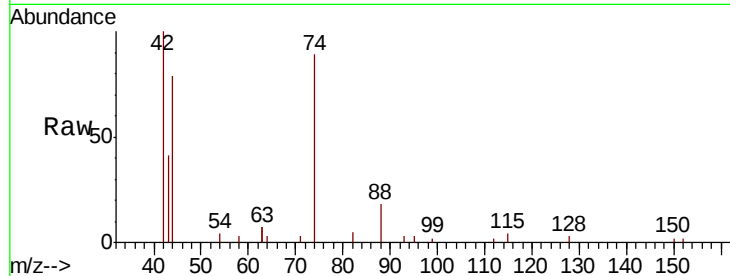


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1

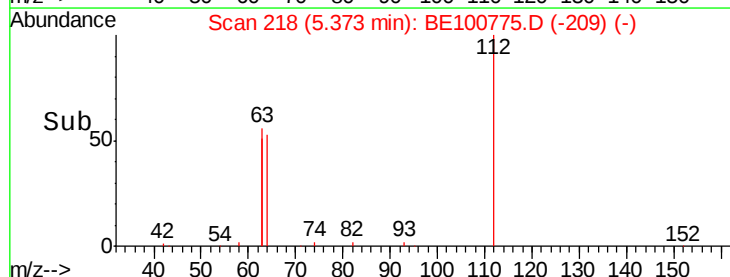
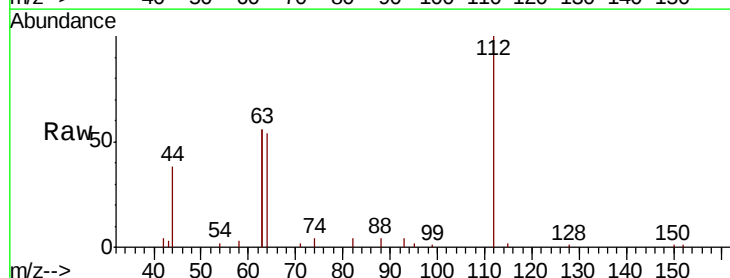
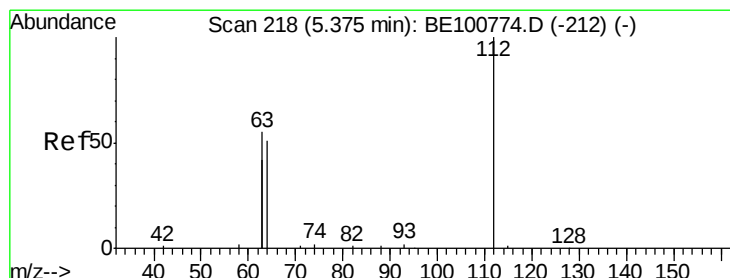
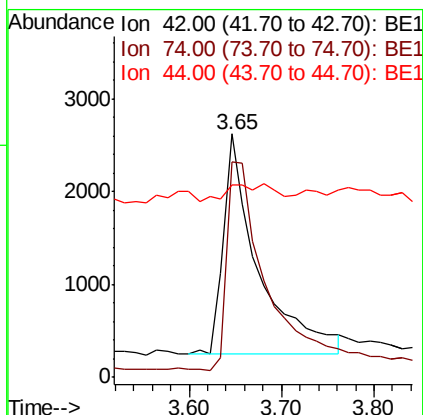




#3
n-Nitrosodimethylamine
Concen: 0.818 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

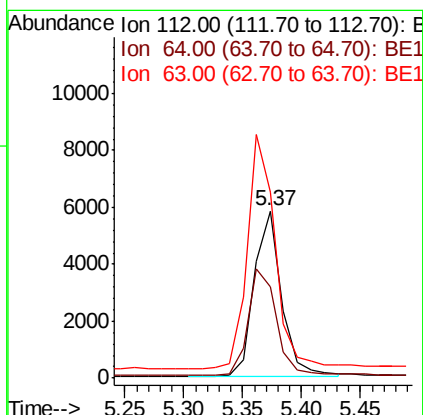
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion: 42 Resp: 6216
Ion Ratio Lower Upper
42 100
74 107.1 86.3 129.5
44 0.0 11.6 17.4#



#4
2-Fluorophenol
Concen: 0.635 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion: 112 Resp: 9452
Ion Ratio Lower Upper
112 100
64 67.1 54.1 81.1
63 143.6 113.2 169.8





#5

Phenol-d6

Concen: 0.667 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

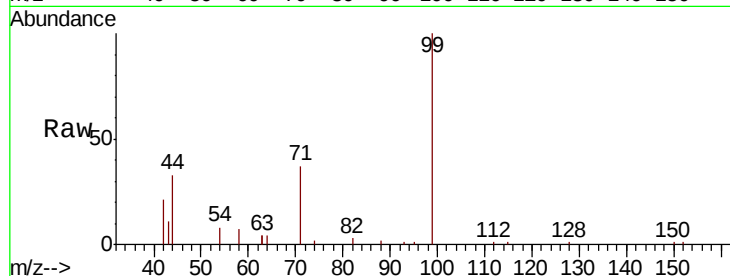
Tot Ion: 99 Resp: 14401

Ion Ratio Lower Upper

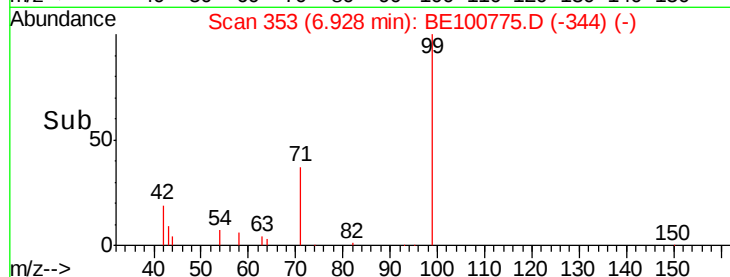
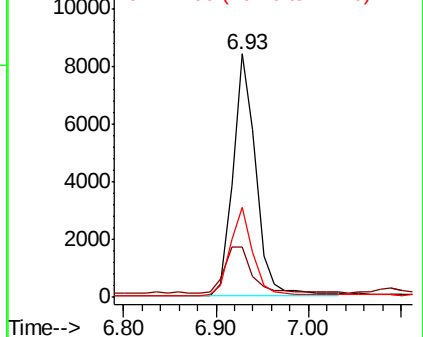
99 100

42 22.9 19.1 28.7

71 36.2 27.7 41.5



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: 0.793 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

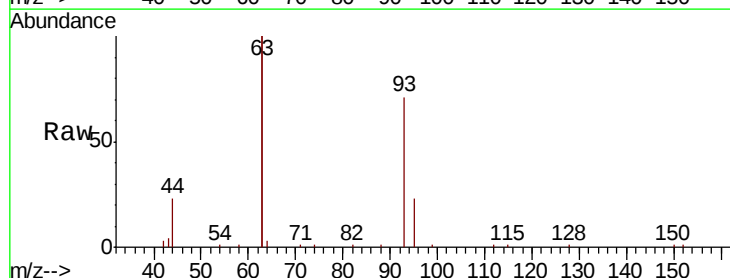
Tgt Ion: 93 Resp: 14273

Ion Ratio Lower Upper

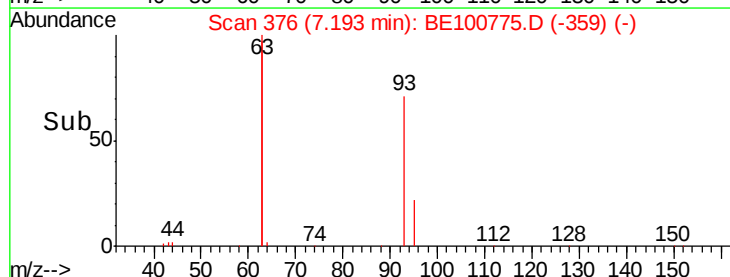
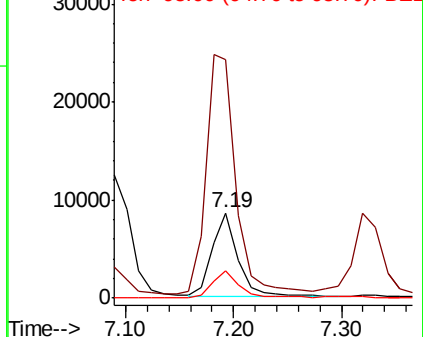
93 100

63 326.1 259.4 389.0

95 31.8 26.2 39.2



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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 24555

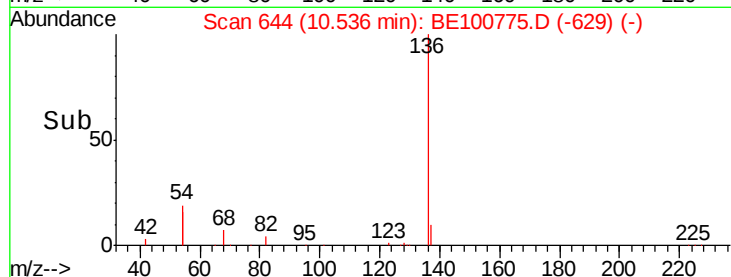
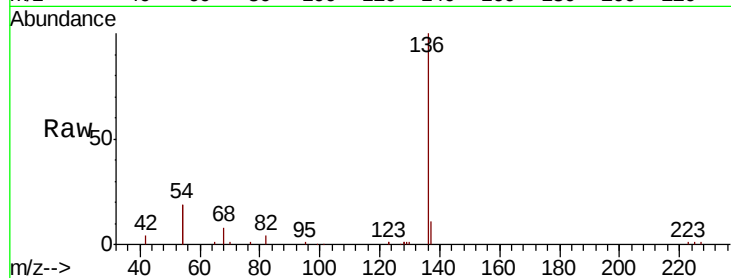
Ion Ratio Lower Upper

136 100

137 10.7 9.4 14.0

54 37.7 31.1 46.7

68 7.8 6.6 10.0

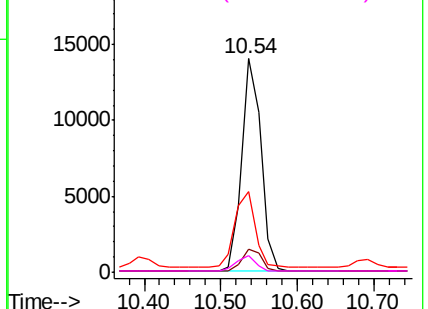


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.067 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

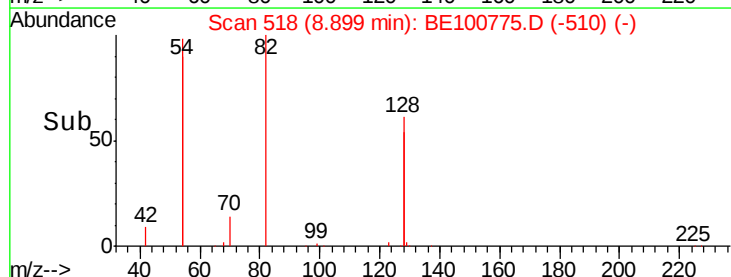
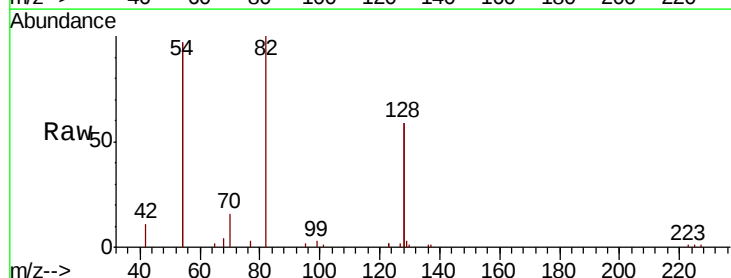
Tgt Ion: 82 Resp: 8403

Ion Ratio Lower Upper

82 100

128 119.0 97.0 145.4

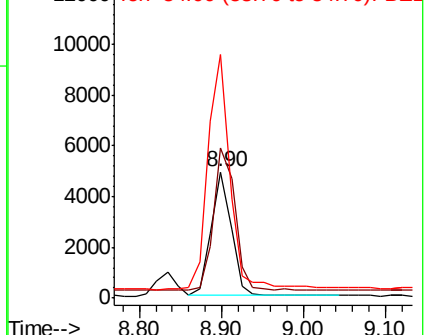
54 193.1 171.8 257.6

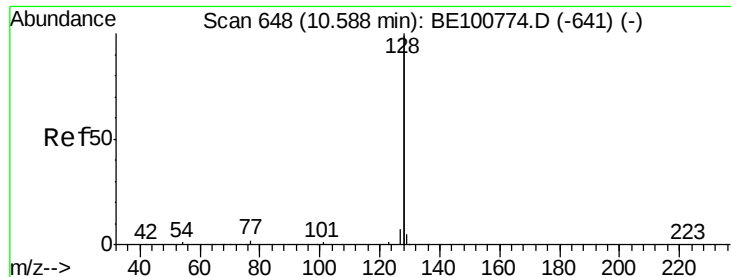


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.766 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

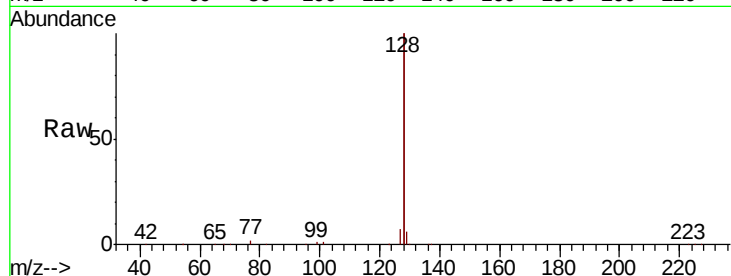
Tot Ion:128 Resp: 199662

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

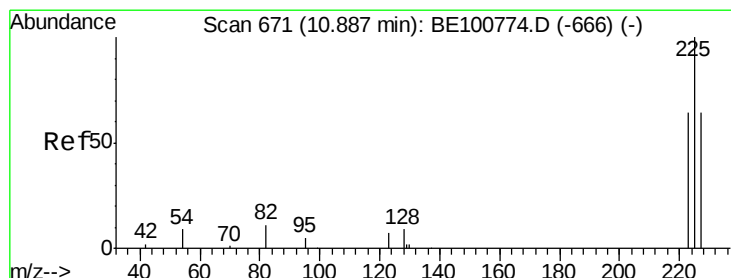
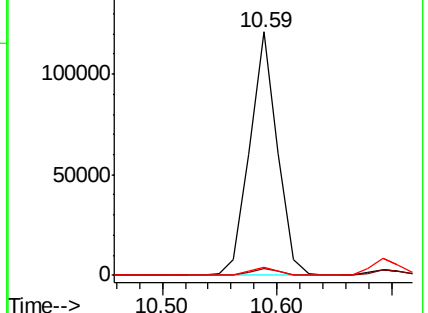
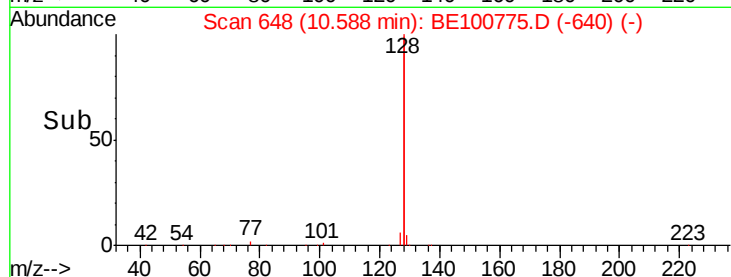
127 3.3 2.7 4.1



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: 0.766 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

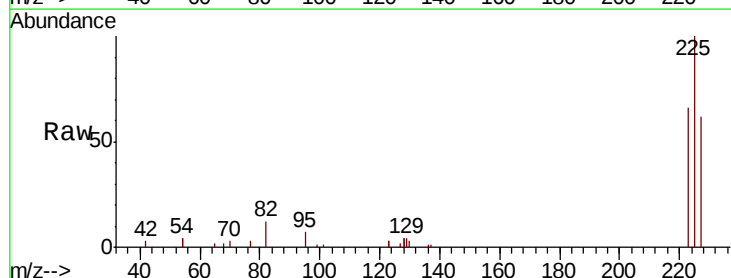
Tgt Ion:225 Resp: 7669

Ion Ratio Lower Upper

225 100

223 63.0 49.9 74.9

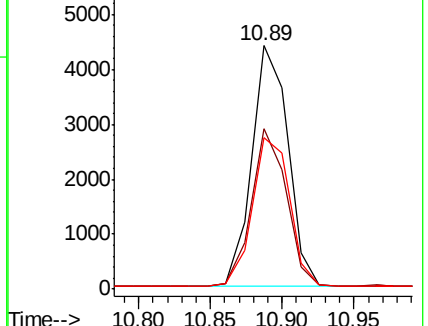
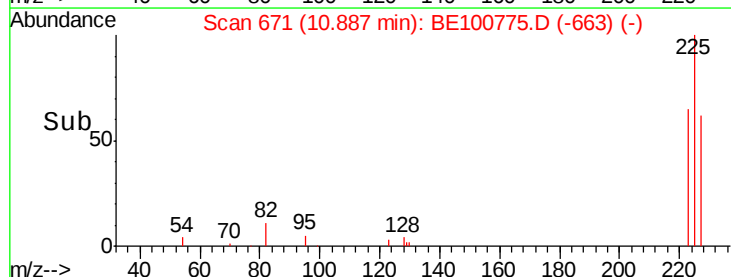
227 64.0 52.2 78.4

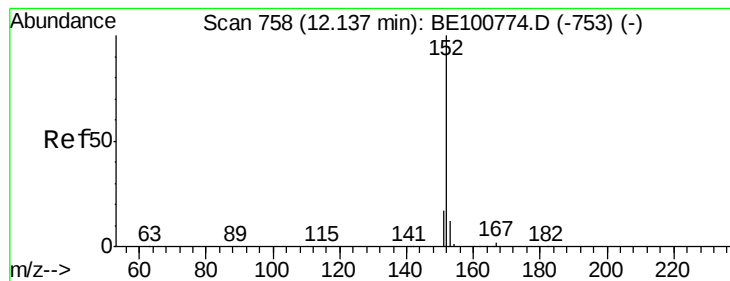


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.759 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

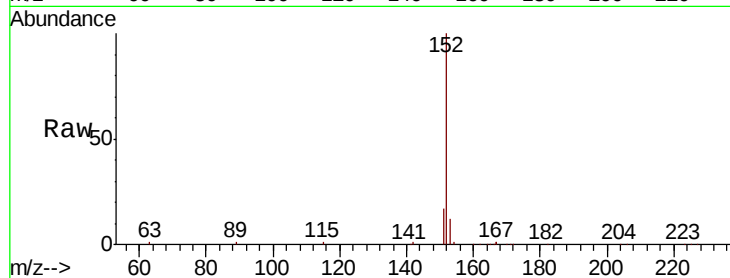
SSTDIC0.8

Tot Ion:152 Resp: 27317

Ion Ratio Lower Upper

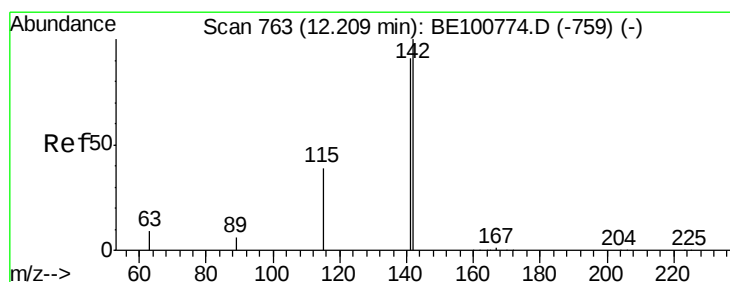
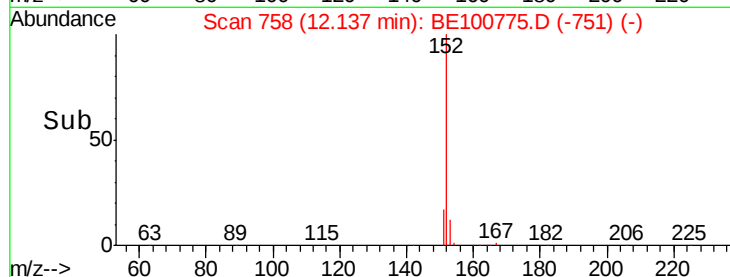
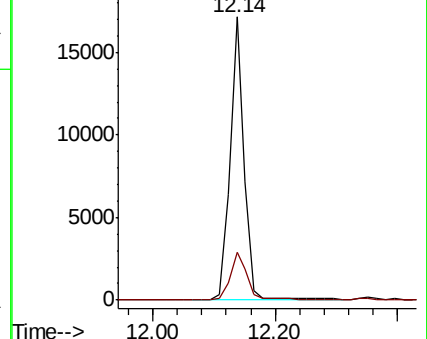
152 100

151 19.2 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.751 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

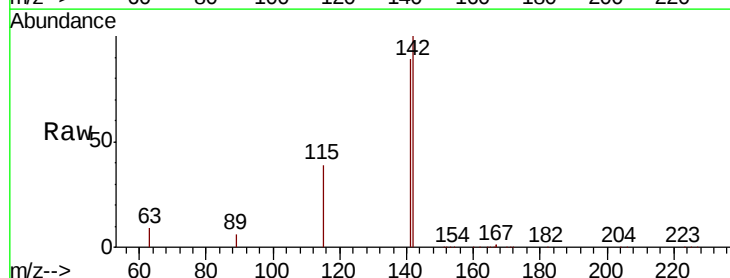
Tgt Ion:142 Resp: 30965

Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8

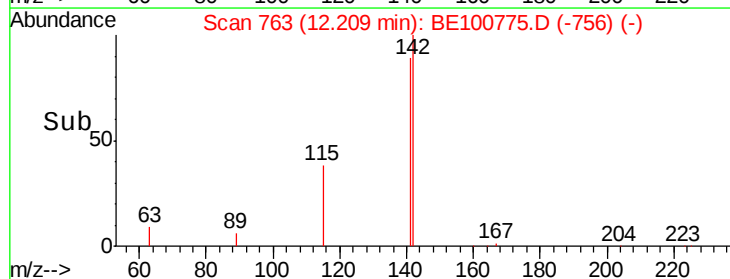
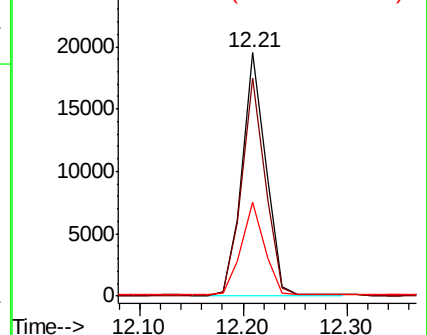
115 38.7 31.8 47.6



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

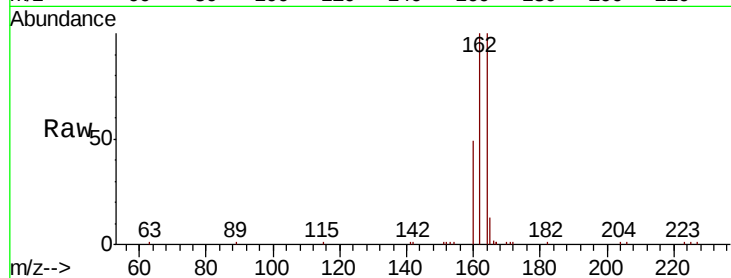




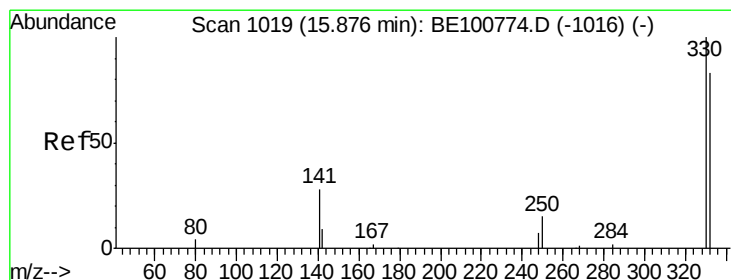
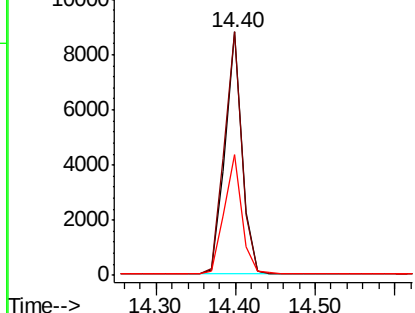
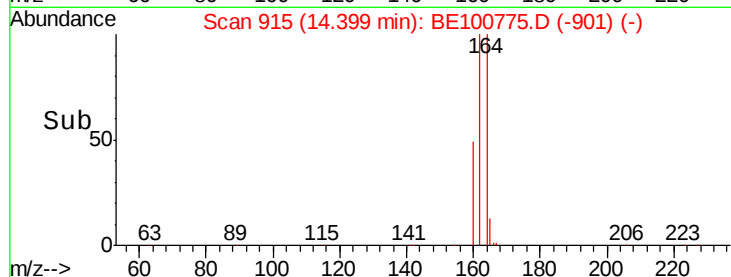
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:164 Resp: 12917
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 49.3 39.4 59.0

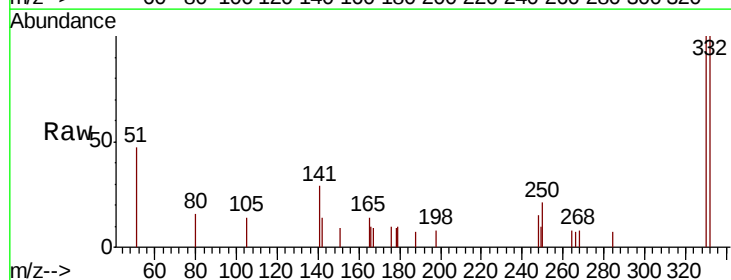


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

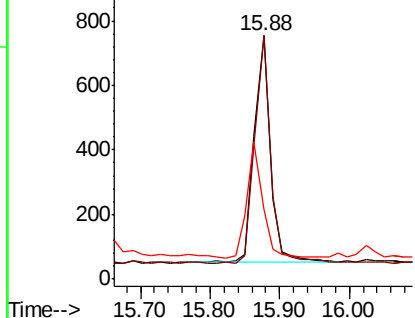
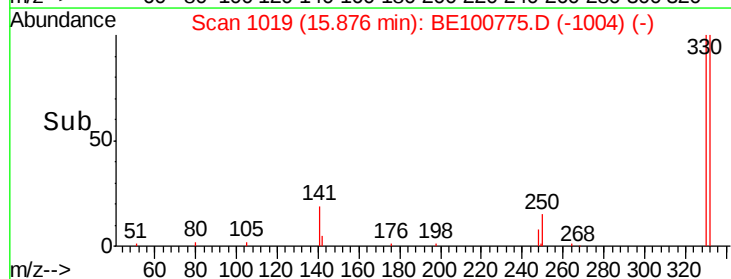


#14
2,4,6-Tribromophenol
Concen: 0.623 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:330 Resp: 1135
Ion Ratio Lower Upper
330 100
332 99.4 69.4 104.2
141 50.3 51.1 76.7#



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

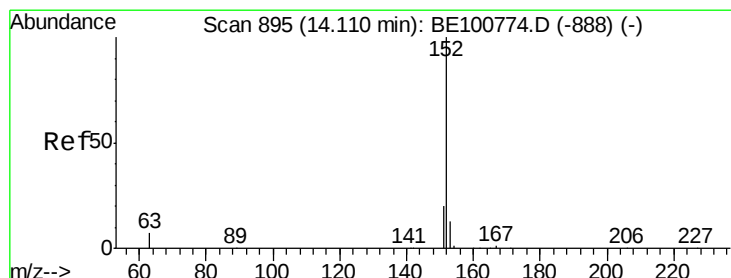
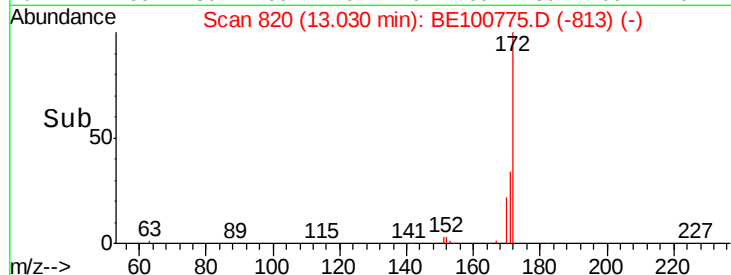
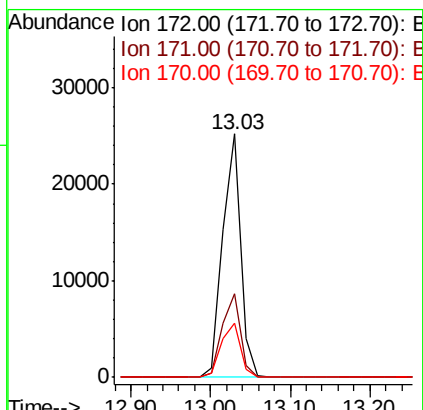
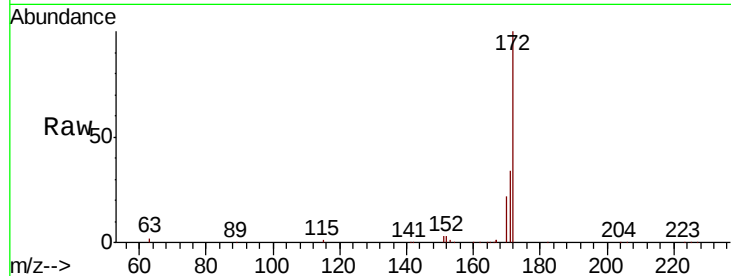




#15
2-Fluorobiphenyl
Concen: 0.788 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

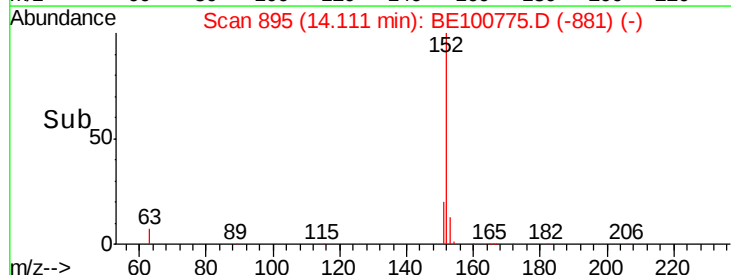
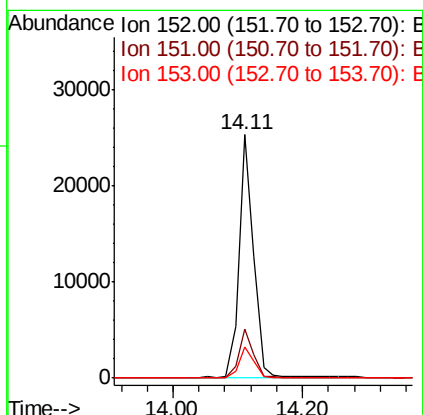
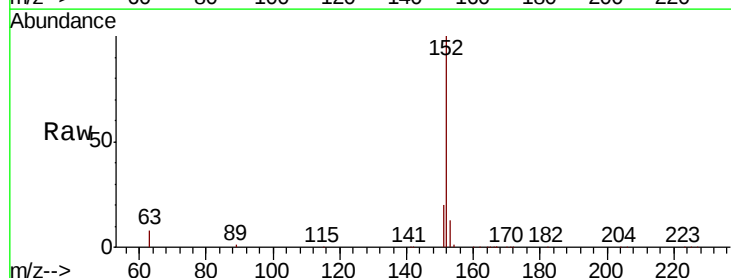
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:172 Resp: 39506
Ion Ratio Lower Upper
172 100
171 34.4 27.2 40.8
170 22.3 18.0 27.0



#16
Acenaphthylene
Concen: 0.707 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:152 Resp: 39330
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.756 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

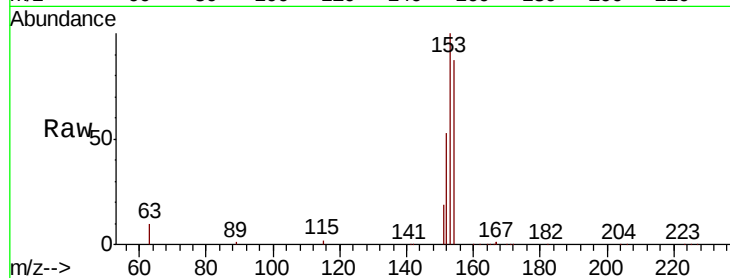
Tot Ion:154 Resp: 28193

Ion Ratio Lower Upper

154 100

153 115.1 92.2 138.2

152 60.4 49.1 73.7

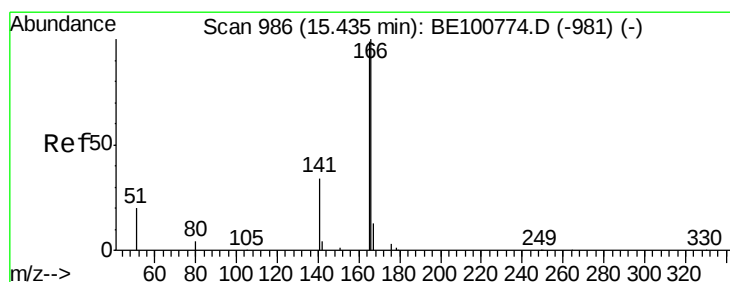
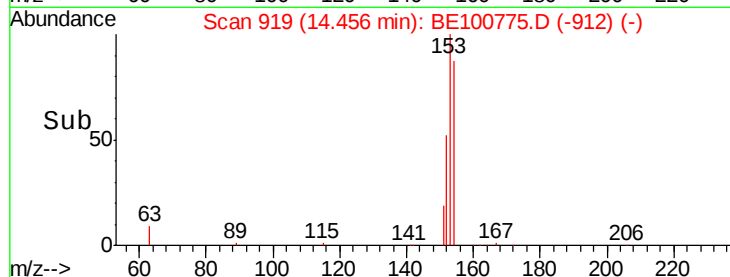
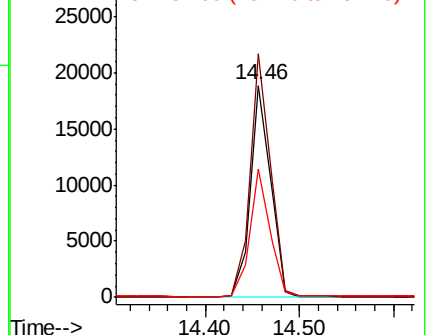


Abundance

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: 0.778 ng

RT: 15.43 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

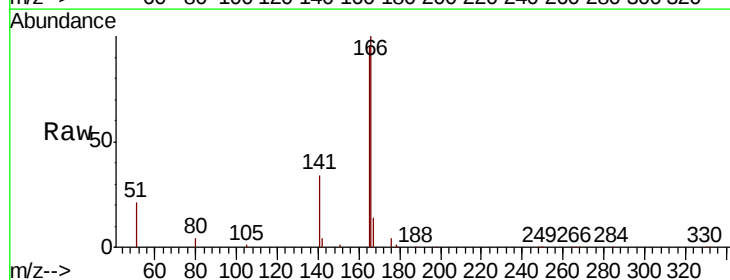
Tgt Ion:166 Resp: 37042

Ion Ratio Lower Upper

166 100

165 97.1 80.5 120.7

167 13.5 10.7 16.1

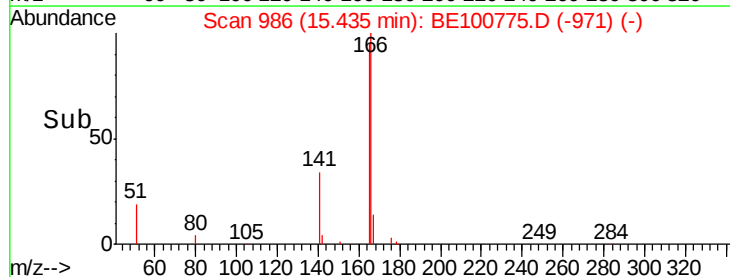
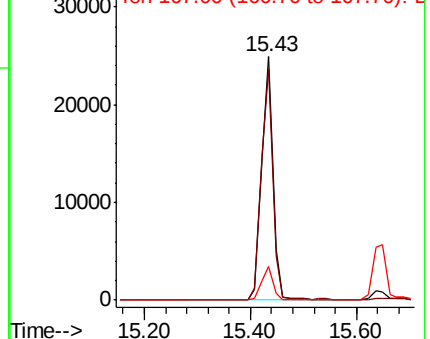


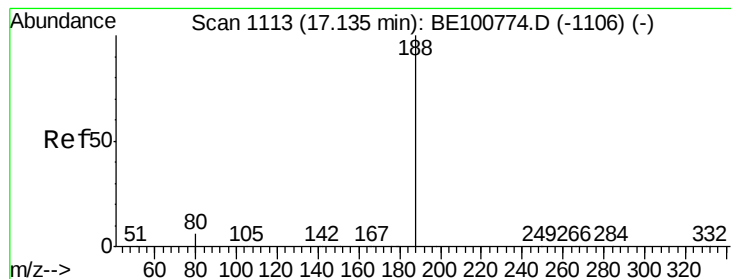
Abundance

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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

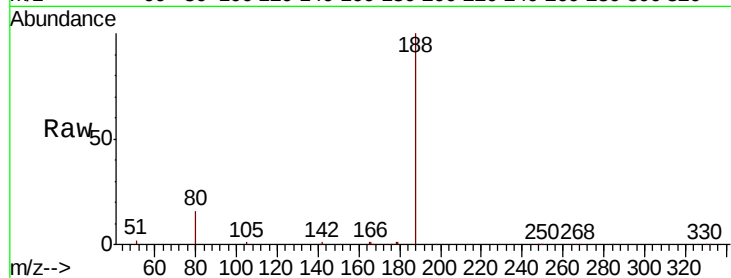
Tot Ion:188 Resp: 29329

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

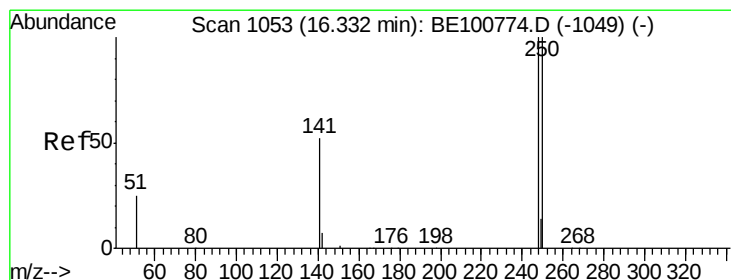
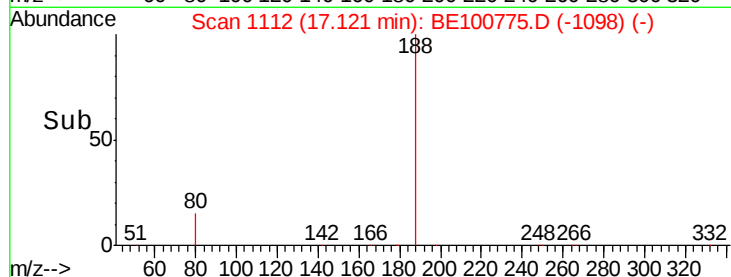
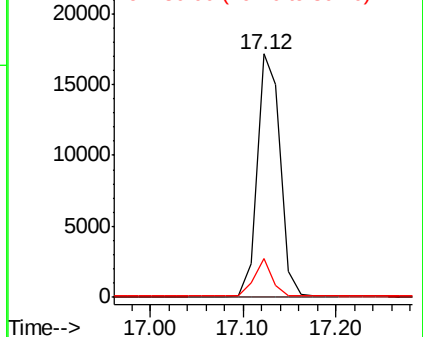
80 15.7 5.2 7.8#



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: 0.744 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

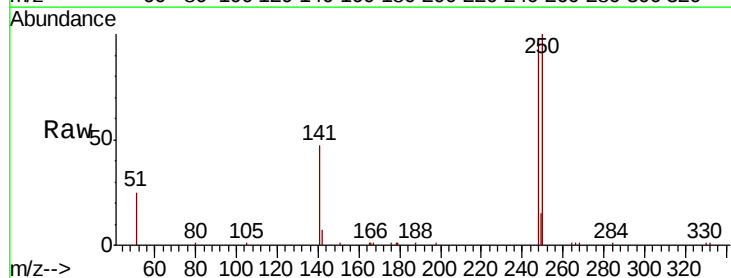
Tgt Ion:248 Resp: 10742

Ion Ratio Lower Upper

248 100

250 104.4 80.5 120.7

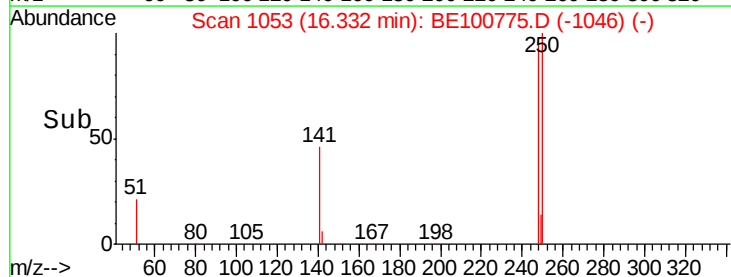
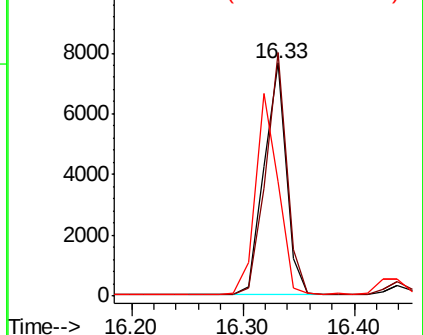
141 48.8 42.6 64.0

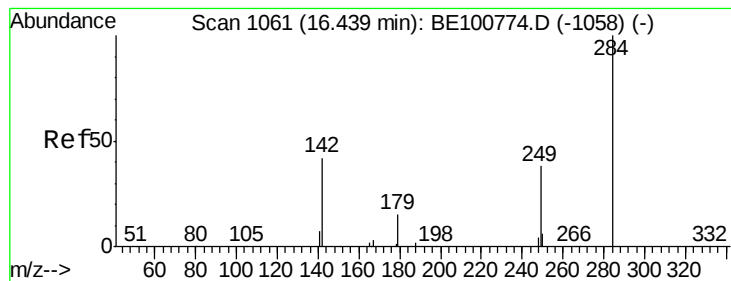


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.810 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

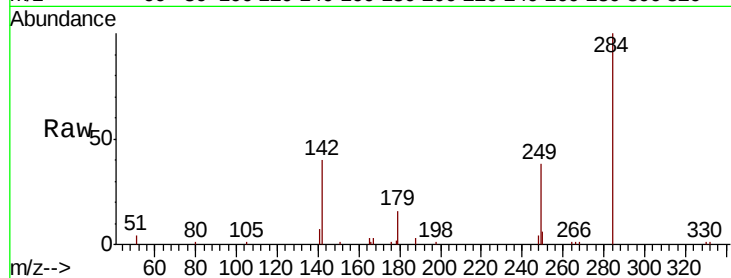
Tot Ion:284 Resp: 12195

Ion Ratio Lower Upper

284 100

142 43.8 34.4 51.6

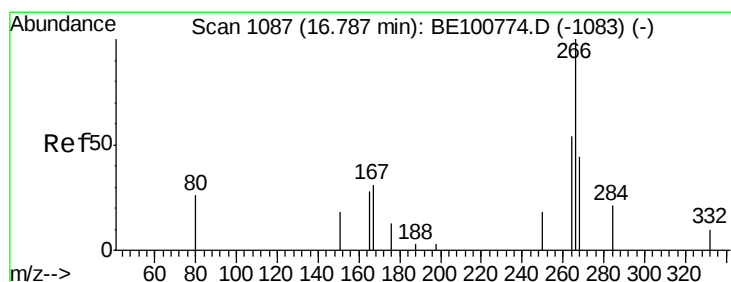
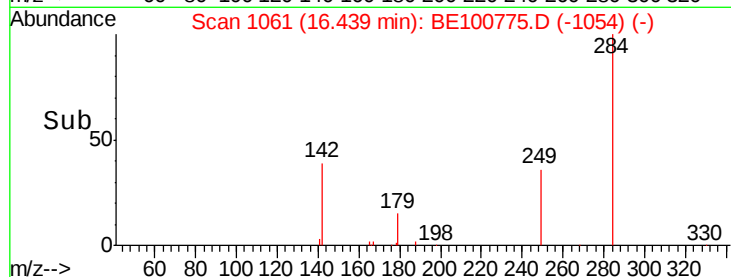
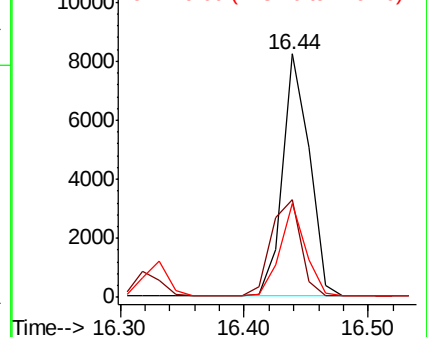
249 35.6 28.5 42.7



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: 0.125 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

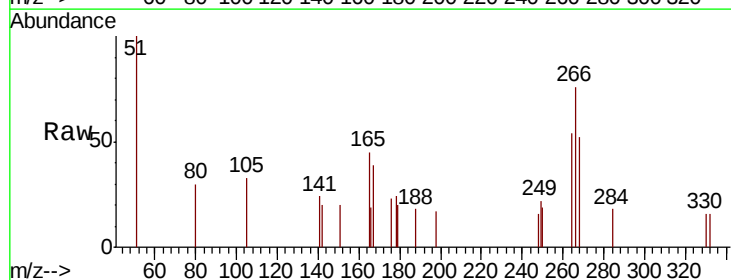
Tgt Ion:266 Resp: 341

Ion Ratio Lower Upper

266 100

264 70.0 63.4 95.0

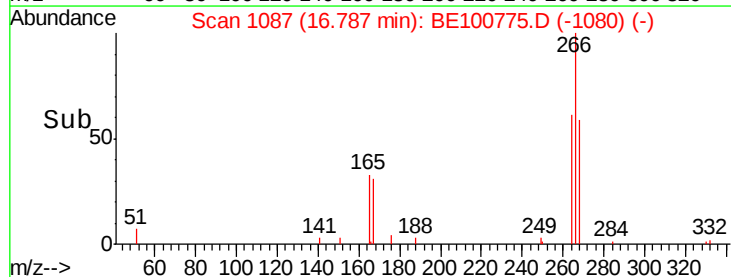
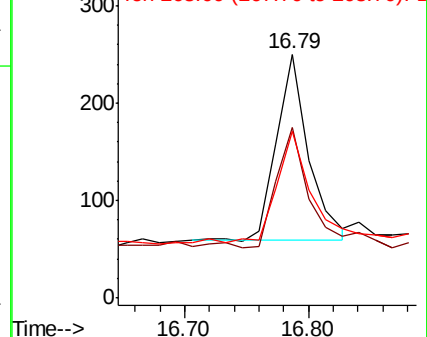
268 68.4 65.8 98.8



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: 0.774 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

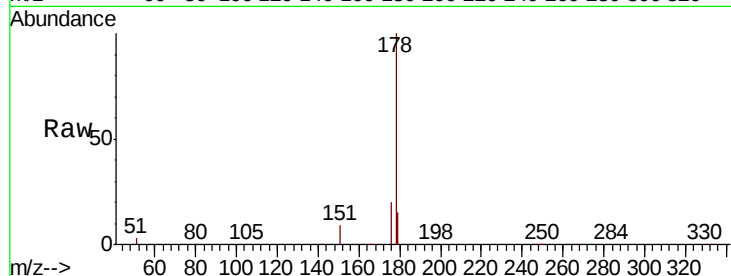
Tot Ion:178 Resp: 68404

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

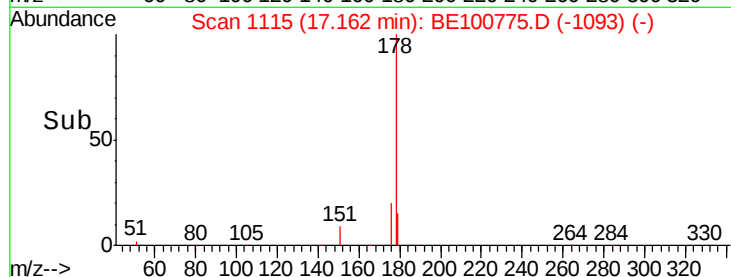
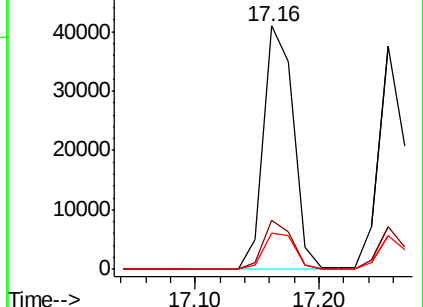
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.724 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

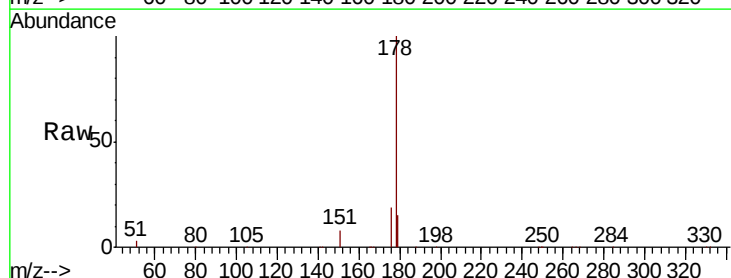
Tgt Ion:178 Resp: 55135

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

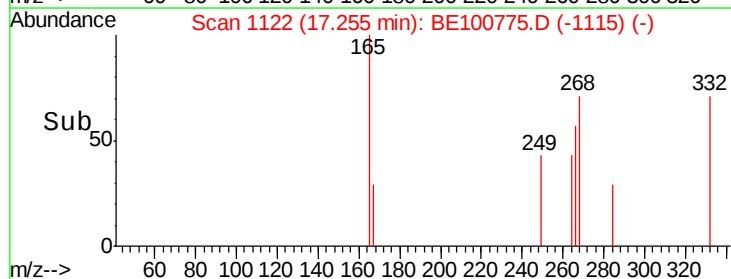
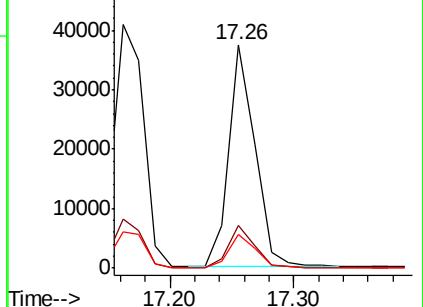
179 15.3 12.7 19.1



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: 0.729 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

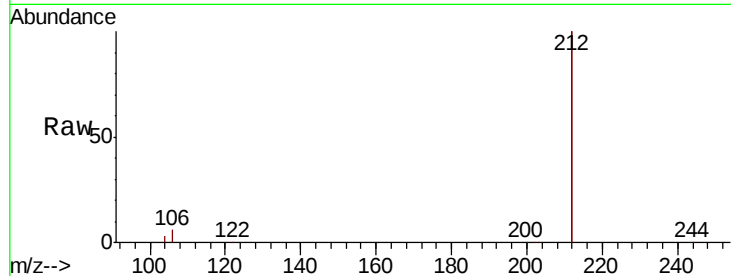
Tot Ion:212 Resp: 261547

Ion Ratio Lower Upper

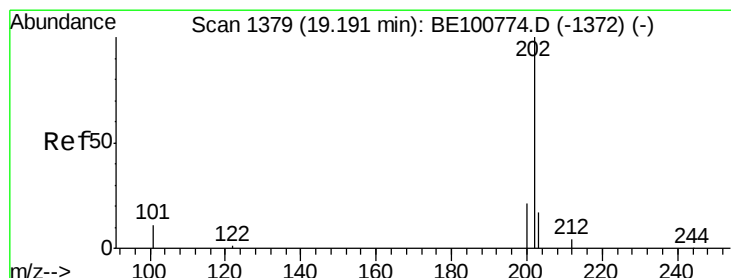
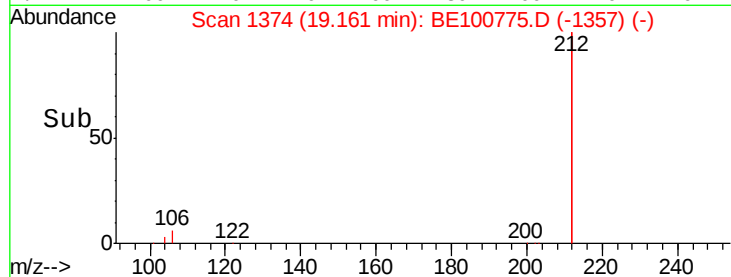
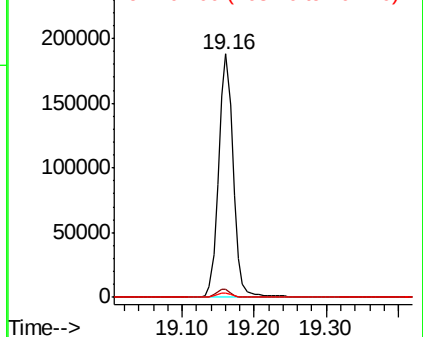
212 100

106 3.3 2.6 3.8

104 1.8 1.4 2.2



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: 0.767 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

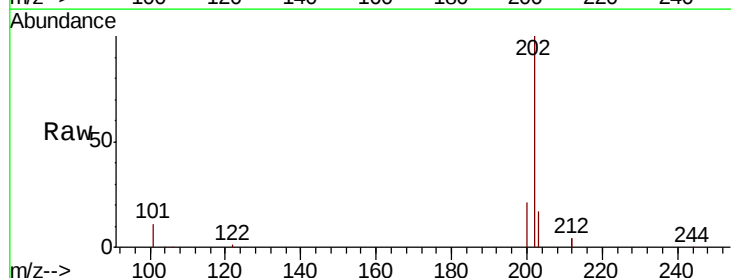
Tgt Ion:202 Resp: 82875

Ion Ratio Lower Upper

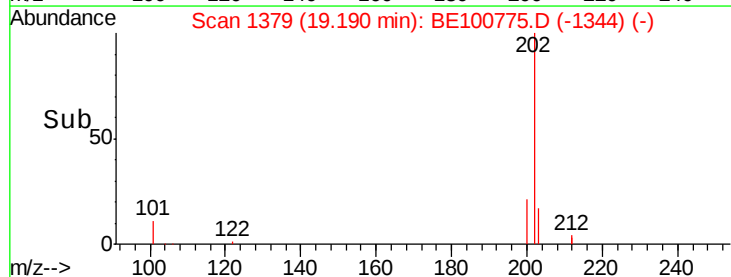
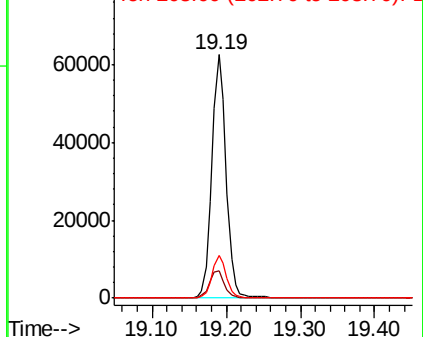
202 100

101 11.6 9.1 13.7

203 17.3 13.8 20.6



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

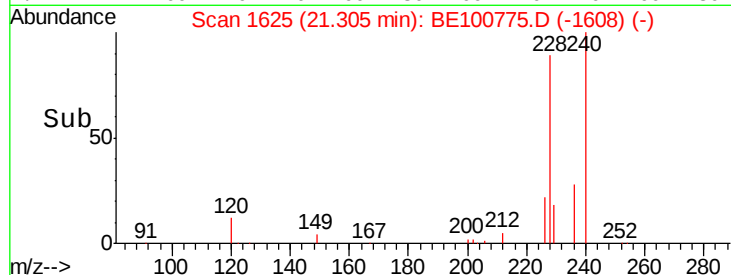
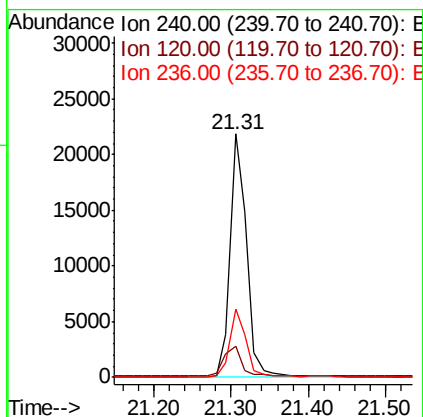
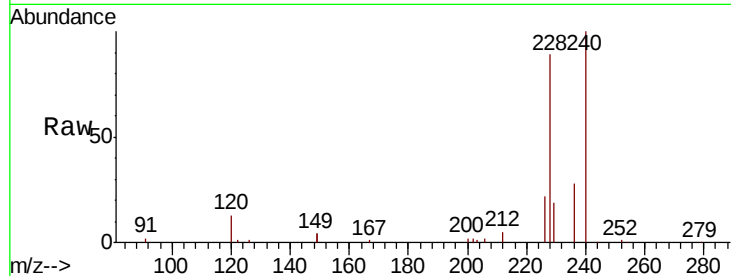




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

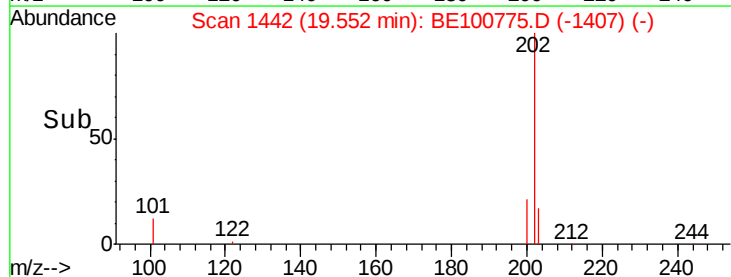
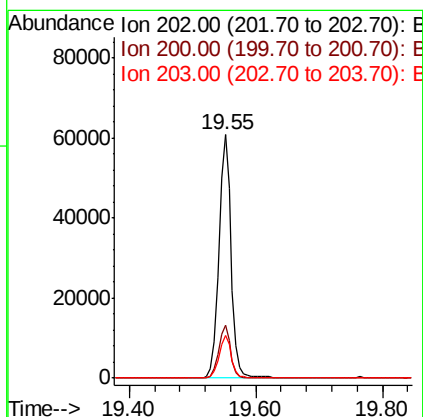
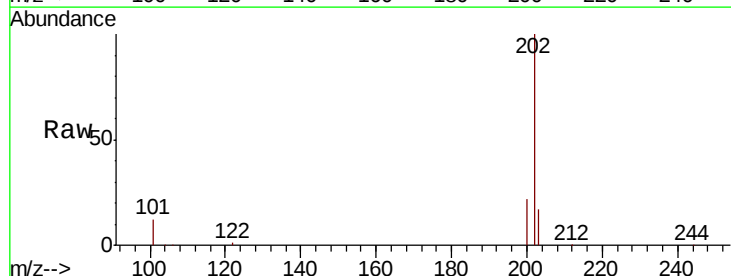
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:240 Resp: 32135
Ion Ratio Lower Upper
240 100
120 12.7 10.2 15.2
236 28.3 22.3 33.5



#28
Pyrene
Concen: 0.806 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:202 Resp: 80205
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.808 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

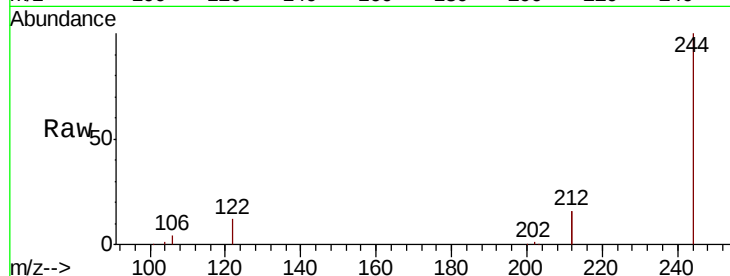
Tot Ion:244 Resp: 59812

Ion Ratio Lower Upper

244 100

212 32.3 26.2 39.4

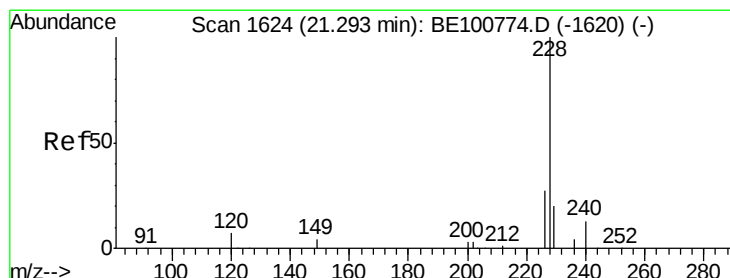
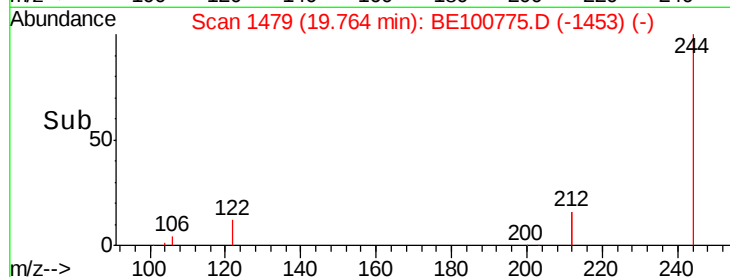
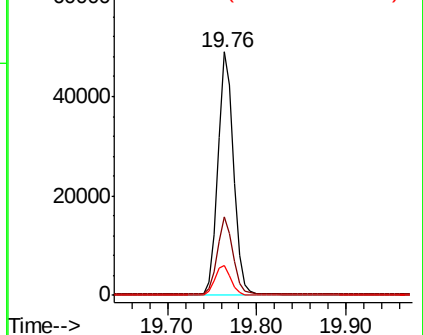
122 12.4 10.2 15.4



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: 0.655 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

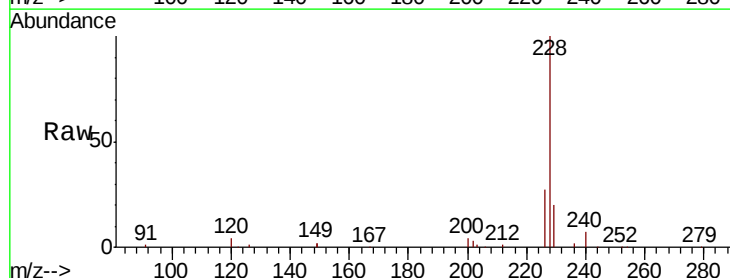
Tgt Ion:228 Resp: 71045

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

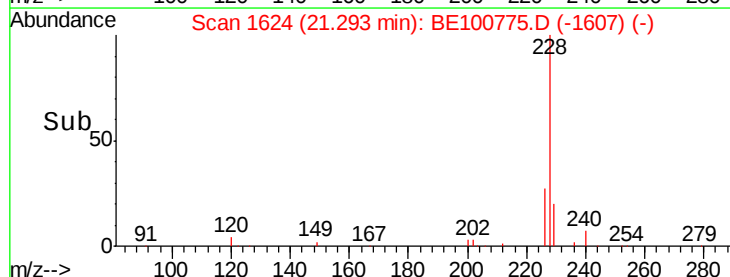
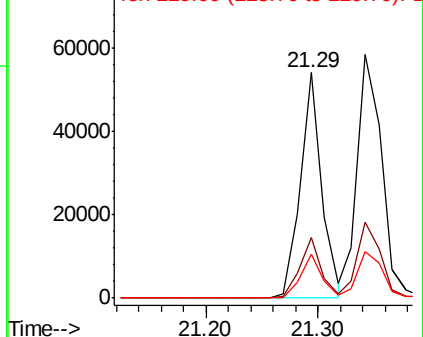
229 19.7 16.0 24.0



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: 0.793 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

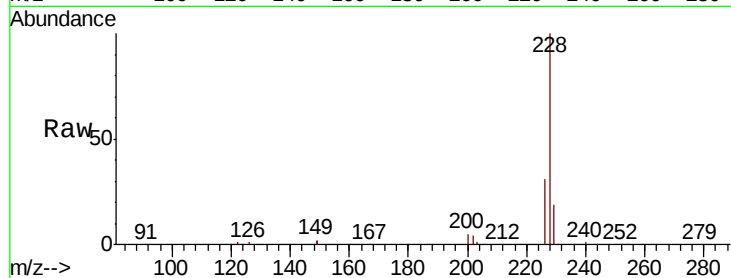
Tot Ion:228 Resp: 87420

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

229 19.2 15.4 23.2

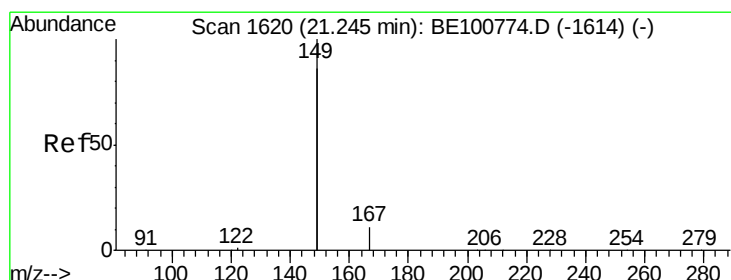
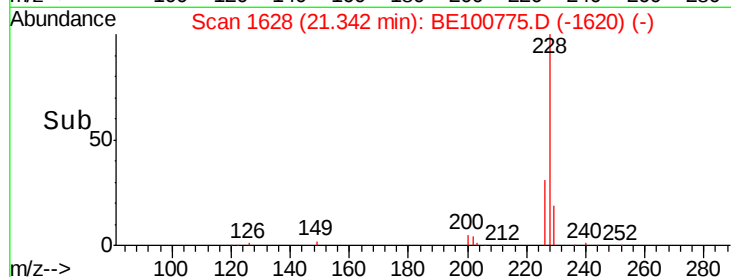
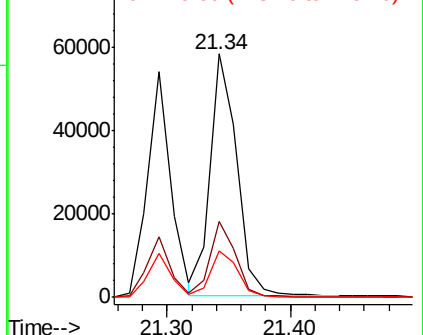


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.274 ng

RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

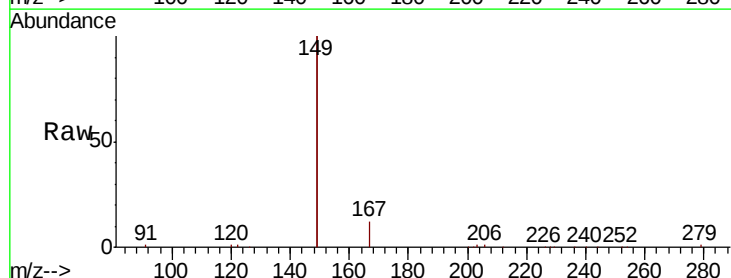
Tgt Ion:149 Resp: 53400

Ion Ratio Lower Upper

149 100

167 6.2 5.0 7.6

279 0.8 0.7 1.1

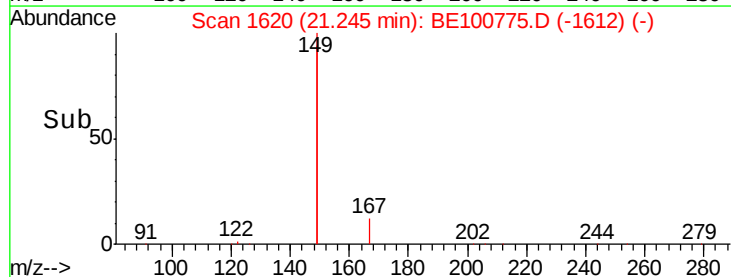
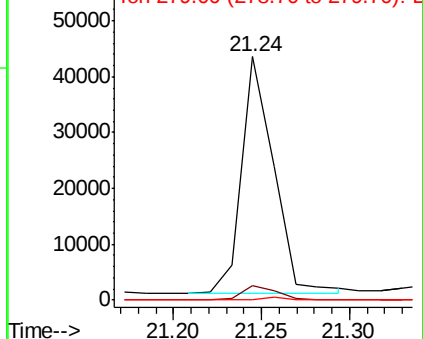


Abundance

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

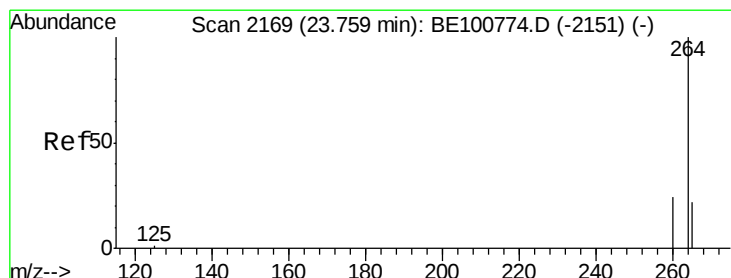
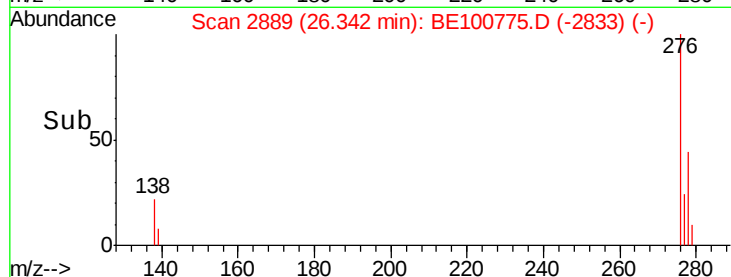
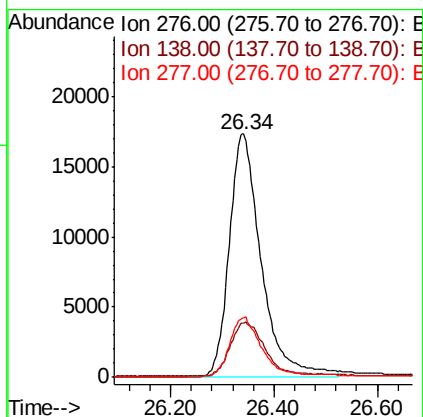
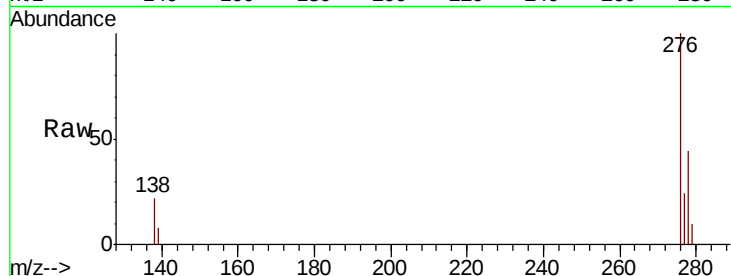




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.641 ng
 RT: 26.34 min Scan# 2889
 Delta R.T. 0.00 min
 Lab File: BE100775.D
 Acq: 4 Dec 2019 14:28

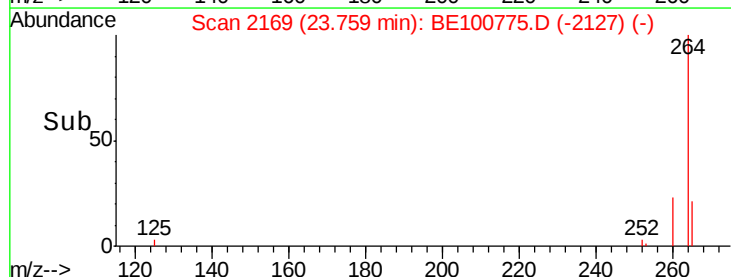
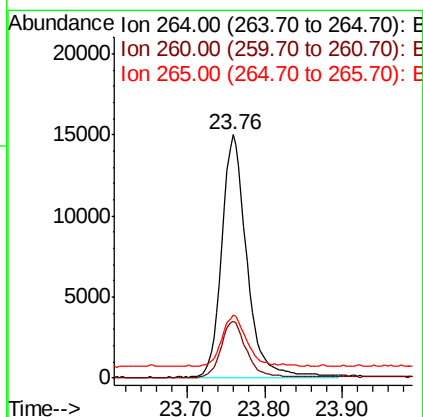
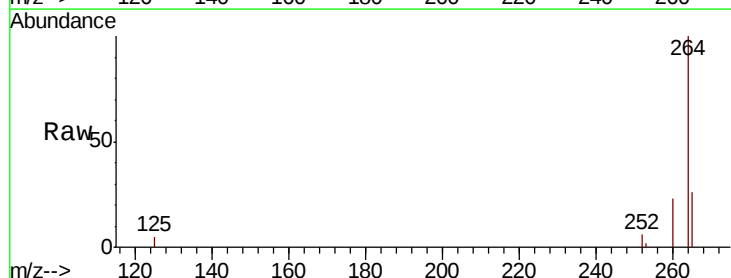
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:276 Resp: 74013
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.4 29.0
 277 24.3 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.76 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BE100775.D
 Acq: 4 Dec 2019 14:28

Tgt Ion:264 Resp: 33422
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 25.8 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.660 ng

RT: 23.01 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

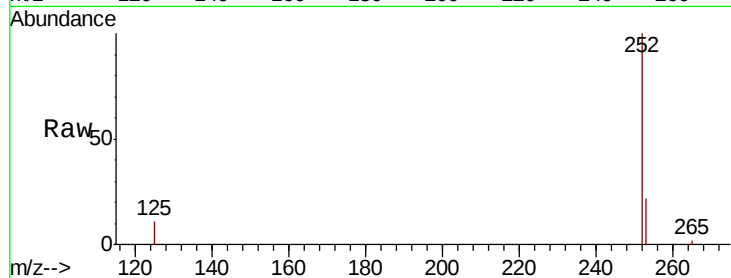
Tot Ion:252 Resp: 69174

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.8 9.0 13.4

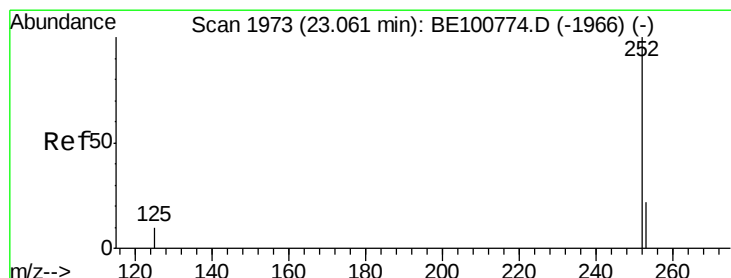
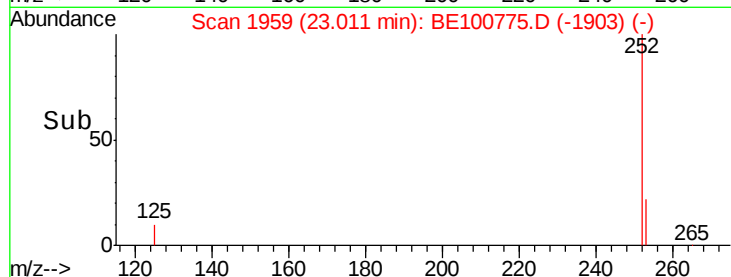
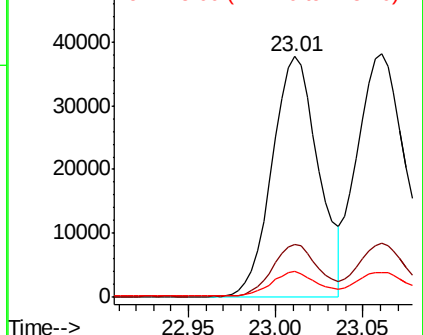


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.722 ng

RT: 23.06 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

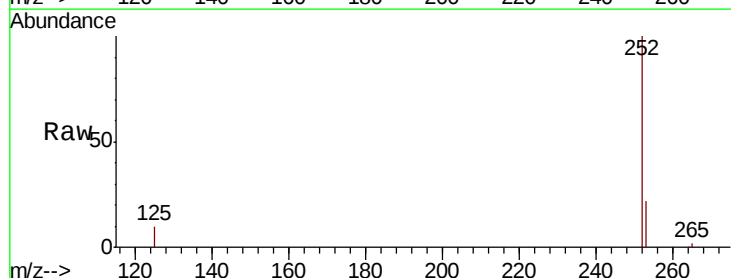
Tgt Ion:252 Resp: 78943

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.2 8.7 13.1

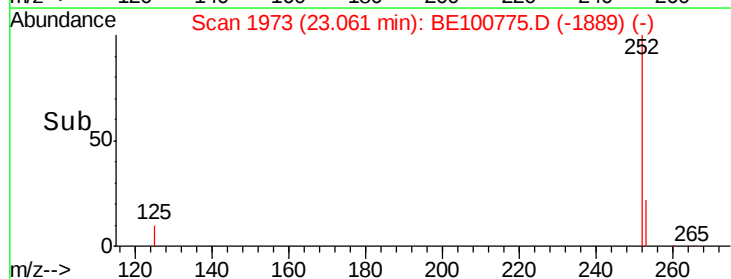
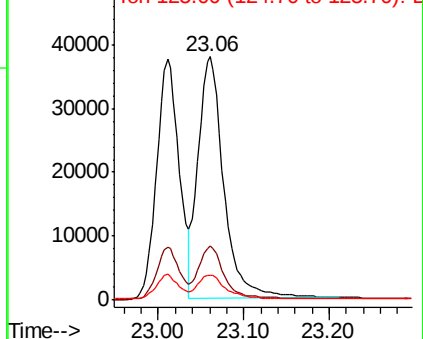


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.640 ng

RT: 23.65 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

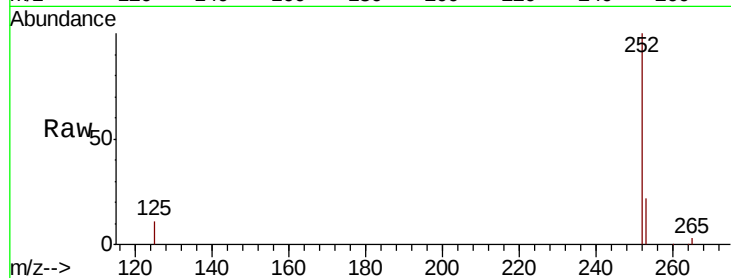
Tot Ion:252 Resp: 59238

Ion Ratio Lower Upper

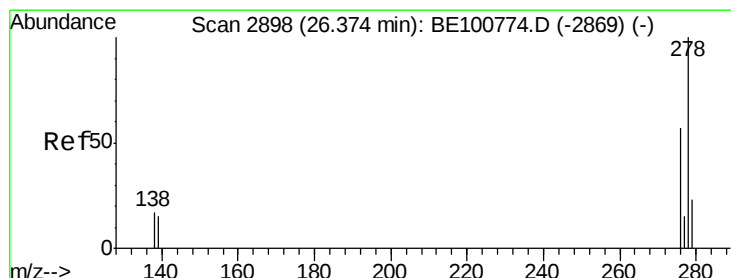
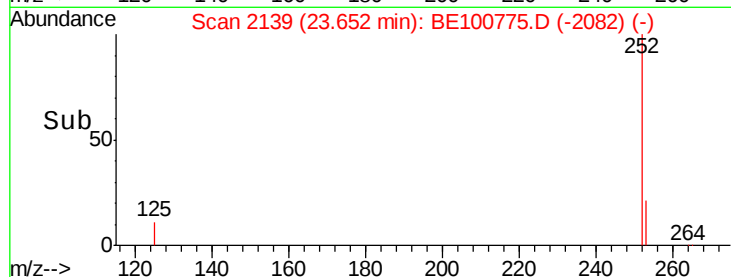
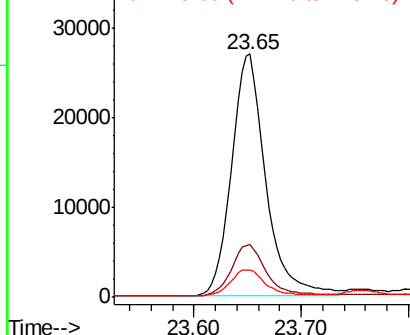
252 100

253 21.8 18.2 27.4

125 11.3 10.4 15.6



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: 0.630 ng

RT: 26.37 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

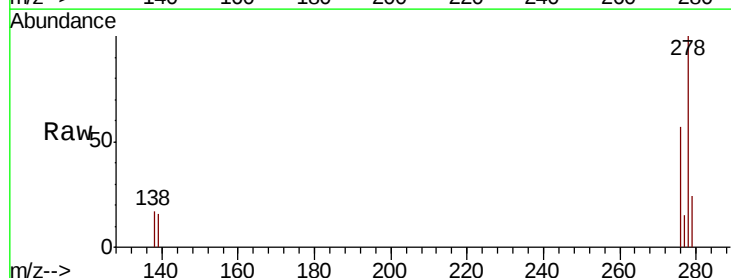
Tgt Ion:278 Resp: 61244

Ion Ratio Lower Upper

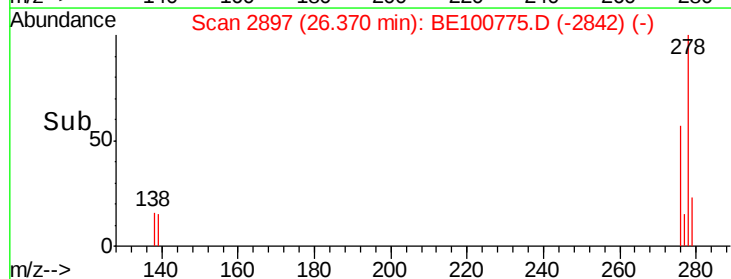
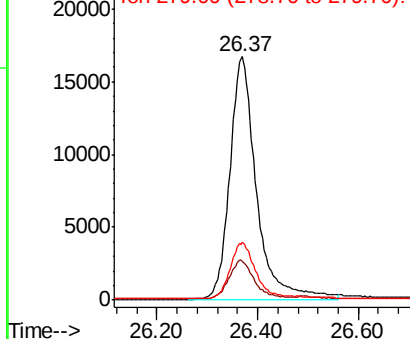
278 100

139 15.8 13.0 19.4

279 23.7 19.6 29.4



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: 0.636 ng

RT: 27.12 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BE100775.D

Acq: 4 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

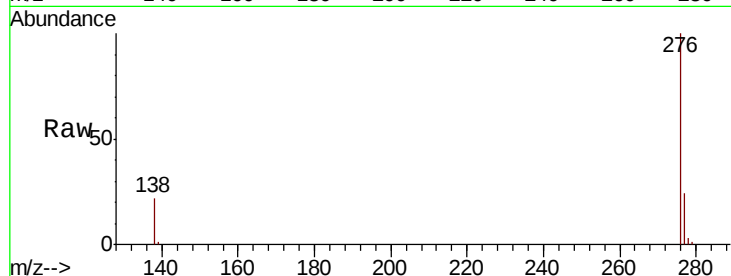
Tot Ion: 276 Resp: 64452

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 21.9 17.8 26.6



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

