

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
 Data File : BE100709.D
 Acq On : 7 Nov 2019 19:49
 Operator : JU
 Sample : K5725-03DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SO-3DL

Quant Time: Nov 08 06:22:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	2108	0.40	ng	0.01
7) Naphthalene-d8	10.64	136	10285	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	9657	0.40	ng	0.01
19) Phenanthrene-d10	17.20	188	15143	0.40	ng	0.00
27) Chrysene-d12	21.37	240	16465	0.40	ng	0.01
34) Perylene-d12	23.85	264	19119	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	115	0.02	ng	0.01
5) Phenol-d6	7.03	99	256	0.03	ng	0.02
8) Nitrobenzene-d5	9.00	82	3803	0.60	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	1286	0.08	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	20	0.01	ng	0.04
15) 2-Fluorobiphenyl	13.16	172	282	0.01	ng	0.06
25) Fluoranthene-d10	19.23	212	4827	0.02	ng	0.01
29) Terphenyl-d14	19.82	244	1038	0.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.74	42	84	0.021	ng	# 1
9) Naphthalene	10.69	128	40087	0.371	ng	# 93
12) 2-Methylnaphthalene	12.31	142	4990	0.271	ng	# 49
16) Acenaphthylene	14.21	152	12162	0.293	ng	# 20
17) Acenaphthene	14.54	154	8072	0.301	ng	# 58
18) Fluorene	15.51	166	27866	0.781	ng	# 42
20) 4-Bromophenyl-phenylether	16.38	248	307	0.040	ng	# 1
22) Pentachlorophenol	16.81	266	83	0.035	ng	# 42
23) Phenanthrene	17.26	178	100828	2.421	ng	# 75
24) Anthracene	17.34	178	24553	0.635	ng	# 78
26) Fluoranthene	19.26	202	160376	2.950	ng	# 99
28) Pyrene	19.62	202	200764	4.364	ng	# 90
30) Benzo(a)anthracene	21.35	228	111375	2.074	ng	# 93
31) Chrysene	21.35	228	101575	1.892	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.29	149	4053	0.036	ng	# 83
33) Indeno(1,2,3-cd)pyrene	26.48	276	84711	1.284	ng	# 96
35) Benzo(b)fluoranthene	23.10	252	138298	2.481	ng	# 95
36) Benzo(k)fluoranthene	23.10	252	138298	2.412	ng	# 97
37) Benzo(a)pyrene	23.74	252	111120	2.141	ng	# 95
38) Dibenzo(a,h)anthracene	26.49	278	23083	0.430	ng	# 74
39) Benzo(g,h,i)perylene	27.29	276	81911	1.518	ng	# 94

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

```
Data Path : Z:\SV0ASRV\HPCHEM1\BNA_E\DATA\BE110719\
Data File : BE100709.D
Acq On    : 7 Nov 2019 19:49
Operator  : JU
Sample    : K5725-03DL 25X
Misc      :
ALS Vial  : 11 Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

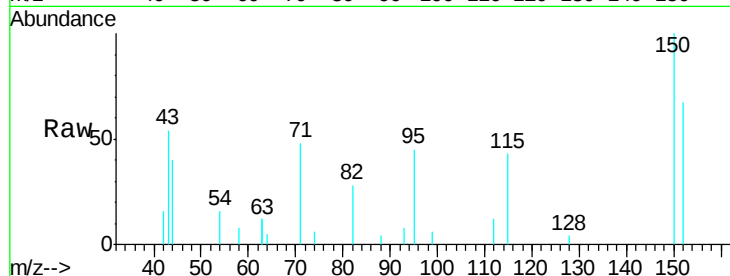
Tgt Ion: 152 Resp: 2108

Ion Ratio Lower Upper

152 100

150 149.1 123.3 184.9

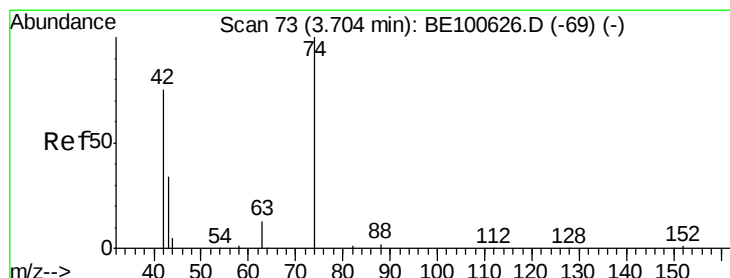
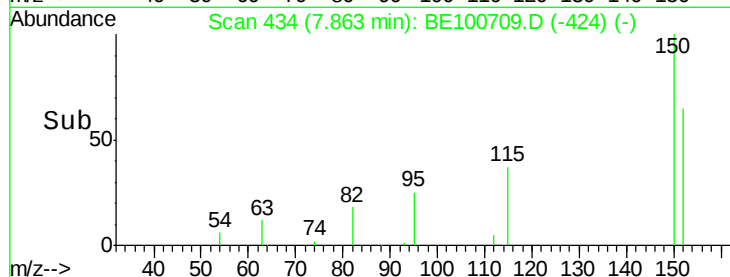
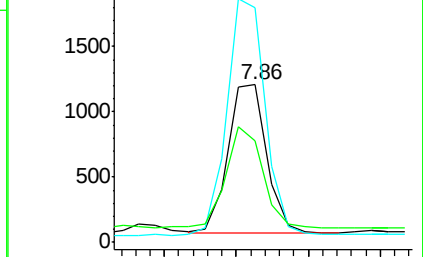
115 64.7 51.9 77.9



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



#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.74 min Scan# 76

Delta R.T. 0.05 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

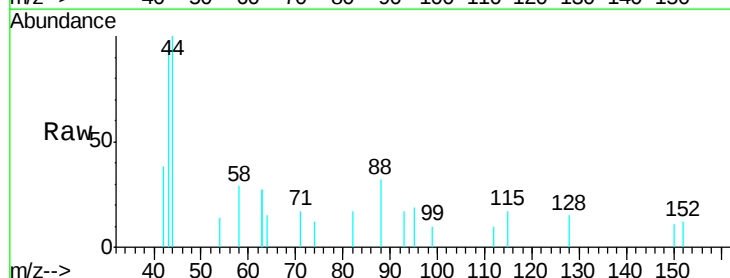
Tgt Ion: 42 Resp: 84

Ion Ratio Lower Upper

42 100

74 0.0 97.2 145.8#

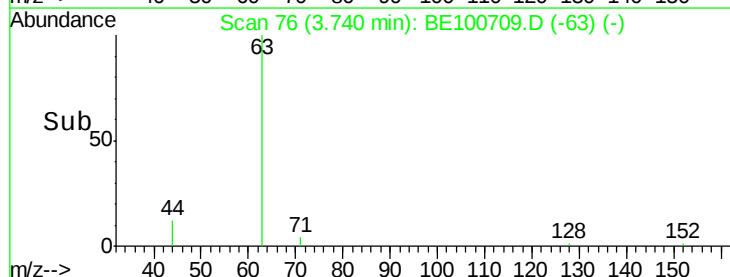
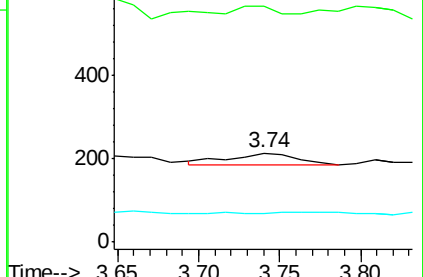
44 129.8 16.6 24.8#

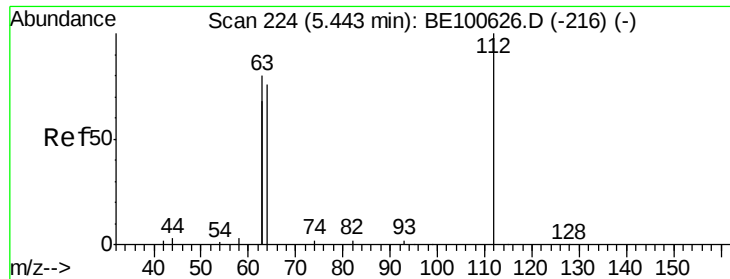


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

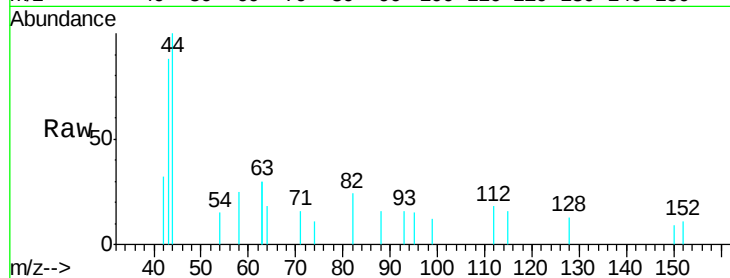
Tgt Ion: 112 Resp: 115

Ion Ratio Lower Upper

112 100

64 48.7 55.4 83.2#

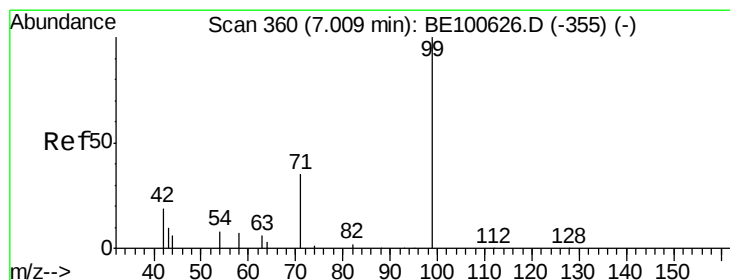
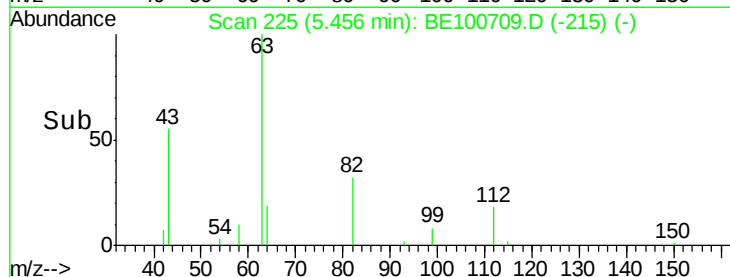
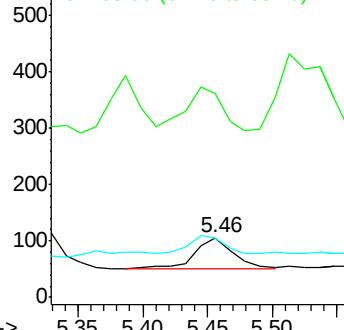
63 128.7 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.028 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.02 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

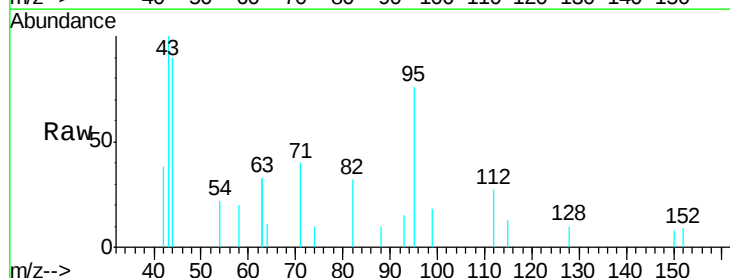
Tgt Ion: 99 Resp: 256

Ion Ratio Lower Upper

99 100

42 0.0 17.7 26.5#

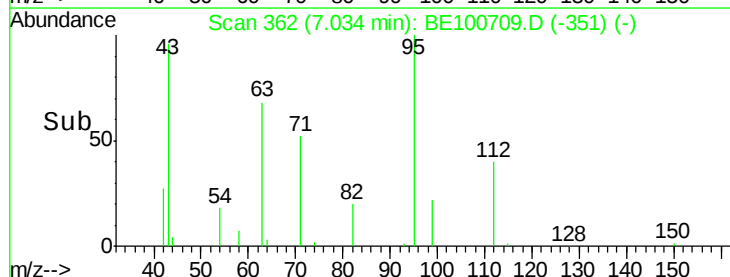
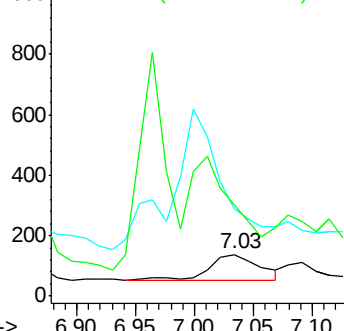
71 0.0 27.4 41.0#

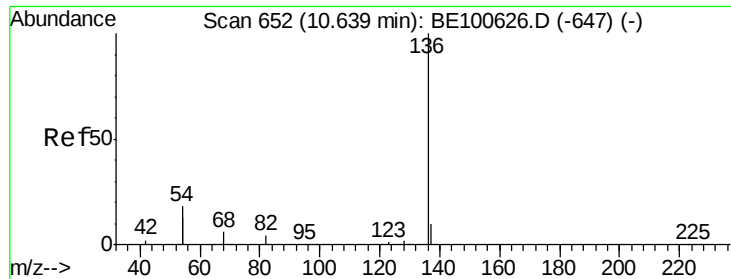


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

Tgt Ion: 136 Resp: 10285

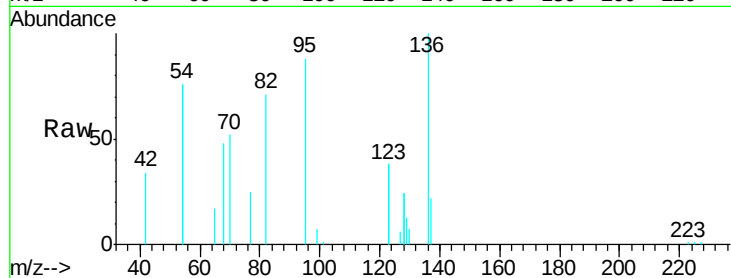
Ion Ratio Lower Upper

136 100

137 22.2 9.2 13.8#

54 151.7 39.4 59.2#

68 47.5 8.0 12.0#

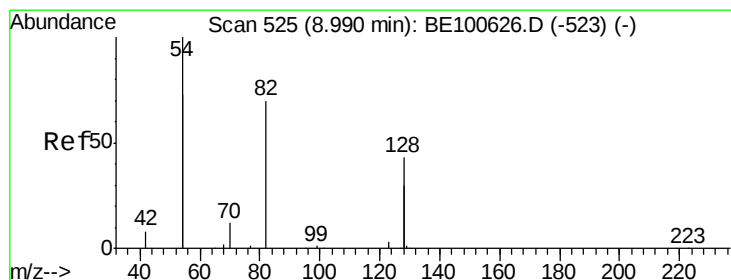
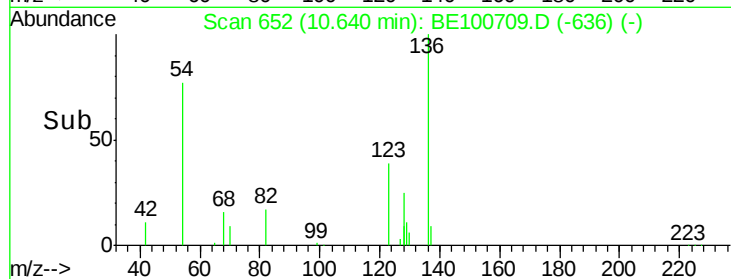
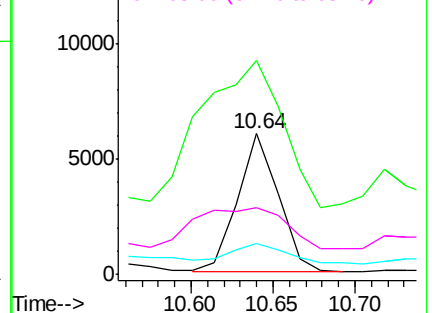


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.597 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

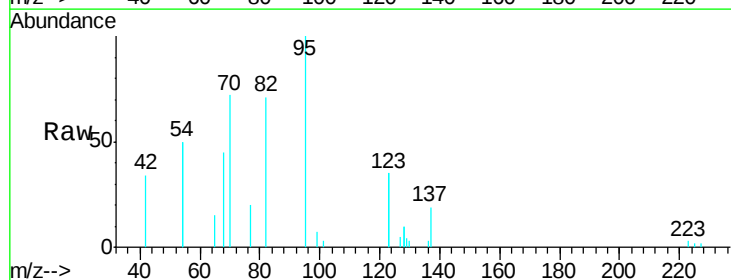
Tgt Ion: 82 Resp: 3803

Ion Ratio Lower Upper

82 100

128 27.1 107.8 161.8#

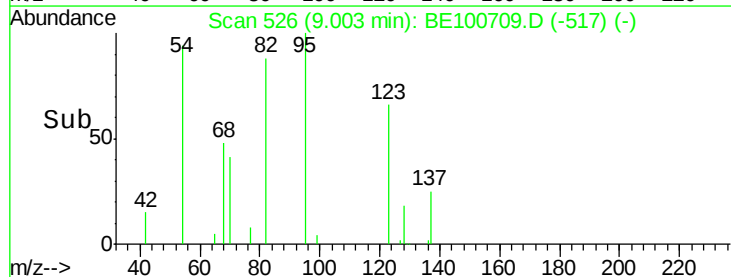
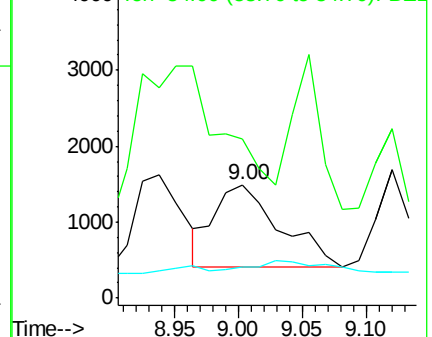
54 140.8 166.1 249.1#

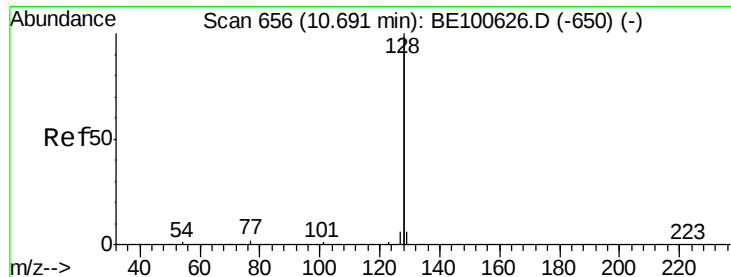


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

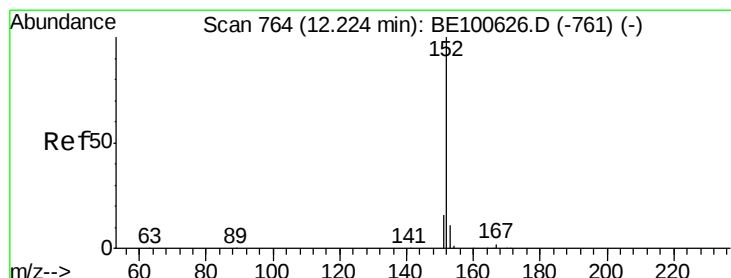
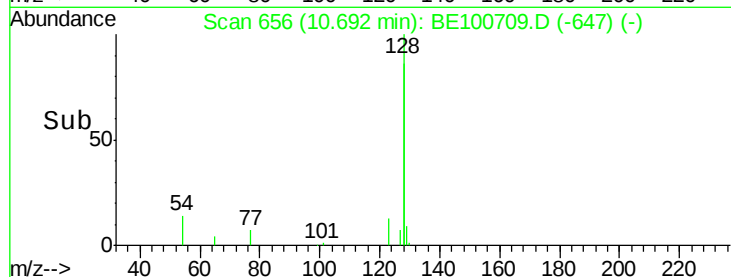
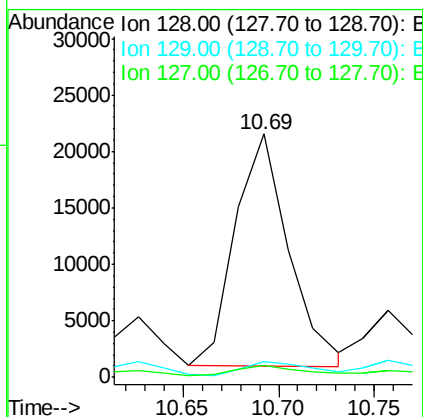
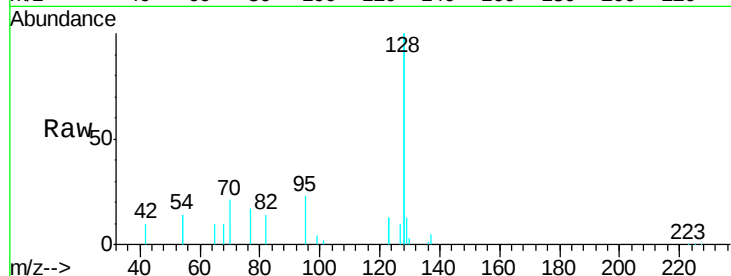




#9
Naphthalene
Concen: 0.371 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

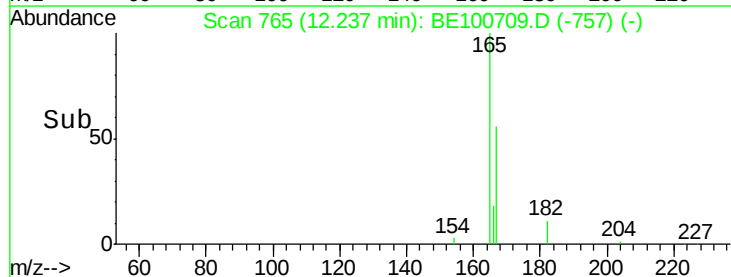
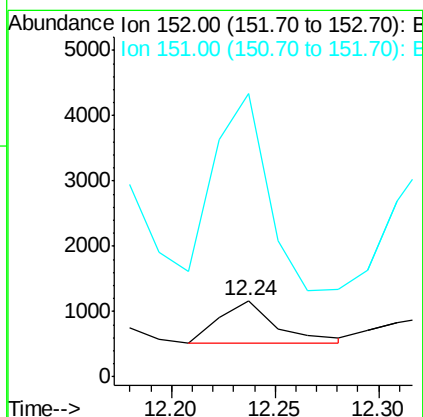
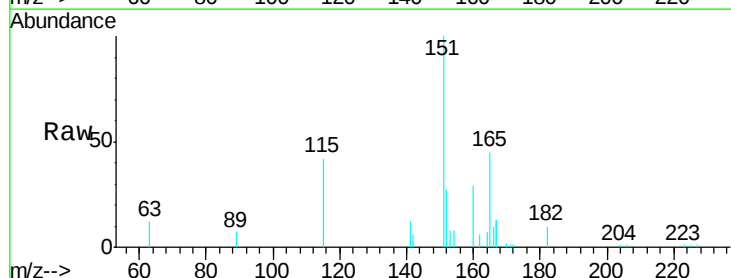
Instrument :
BNA_E
ClientSampleId :
SO-3DL

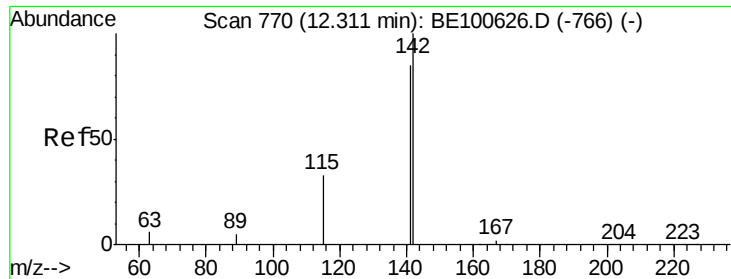
Tgt Ion:128 Resp: 40087
Ion Ratio Lower Upper
128 100
129 6.3 2.3 3.5#
127 4.8 2.7 4.1#



#11
2-Methylnaphthalene-d10
Concen: 0.079 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:152 Resp: 1286
Ion Ratio Lower Upper
152 100
151 409.4 14.7 22.1#

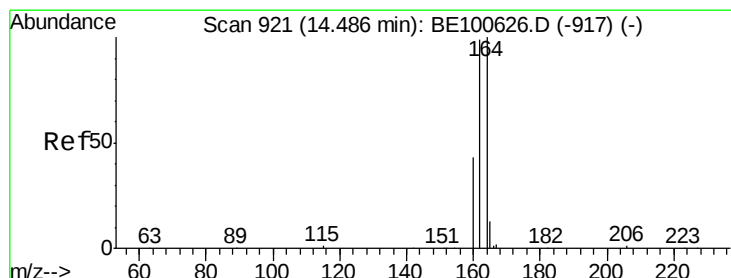
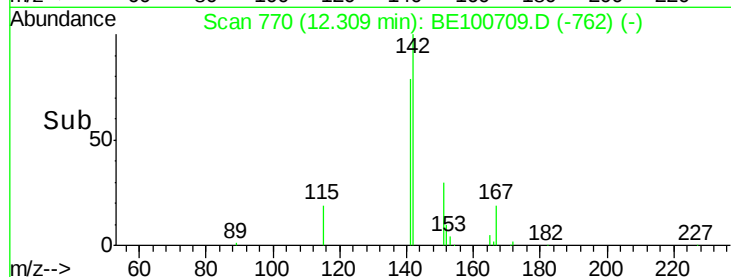
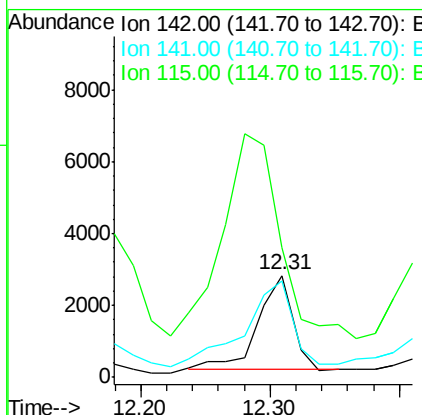
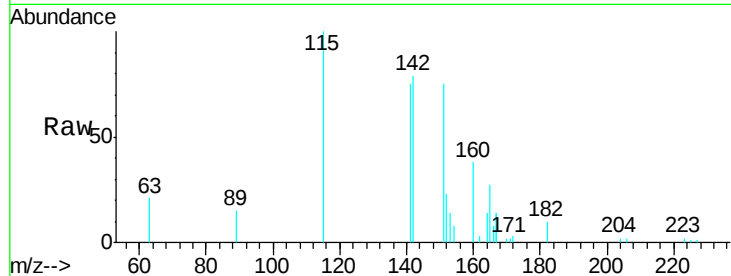




#12
 2-Methylnaphthalene
 Concen: 0.271 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BE100709.D
 Acq: 7 Nov 2019 19:49

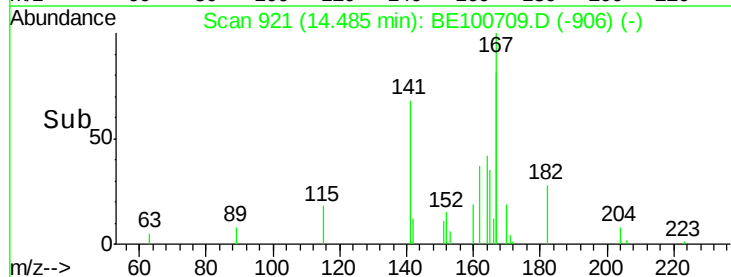
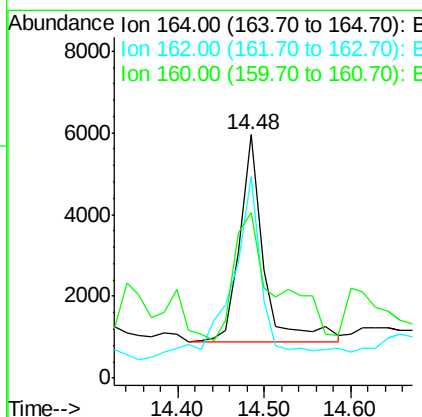
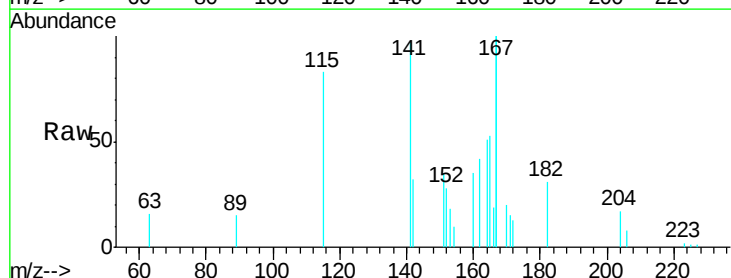
Instrument :
 BNA_E
 ClientSampleId :
 SO-3DL

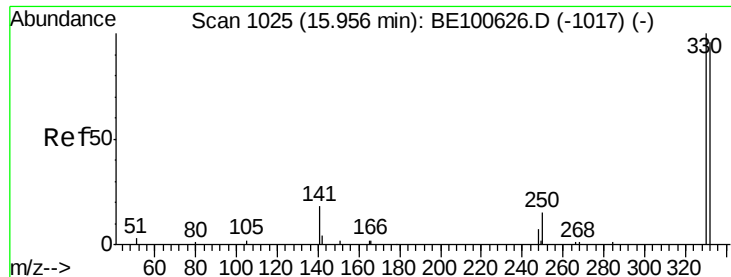
Tgt Ion:142 Resp: 4990
 Ion Ratio Lower Upper
 142 100
 141 94.9 70.1 105.1
 115 127.3 28.3 42.5#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE100709.D
 Acq: 7 Nov 2019 19:49

Tgt Ion:164 Resp: 9657
 Ion Ratio Lower Upper
 164 100
 162 82.8 82.0 123.0
 160 68.0 37.5 56.3#





#14

2,4,6-Tribromophenol

Concen: 0.008 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.04 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

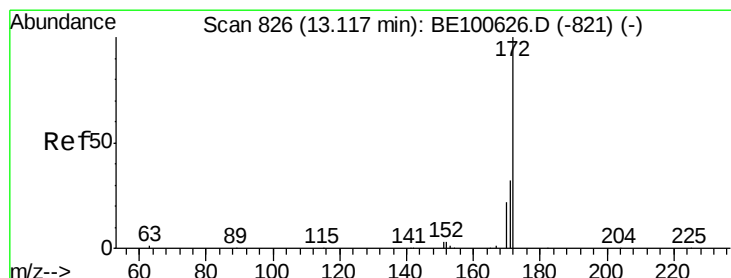
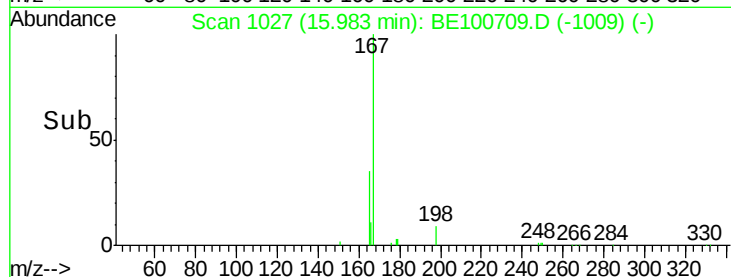
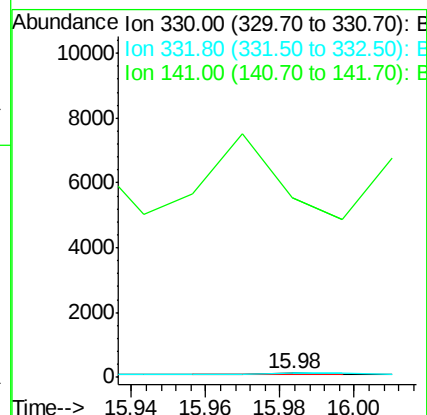
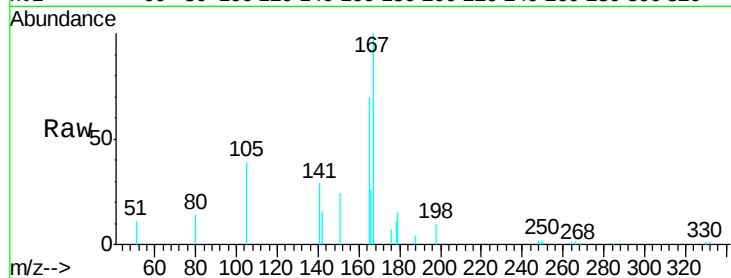
Tgt Ion:330 Resp: 20

Ion Ratio Lower Upper

330 100

332 480.0 77.9 116.9#

141 16510.0 33.0 49.6#



#15

2-Fluorobiphenyl

Concen: 0.008 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.06 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

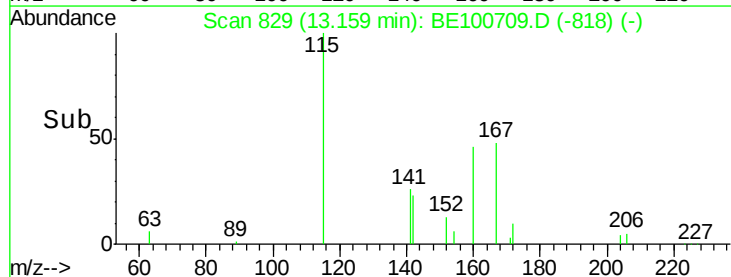
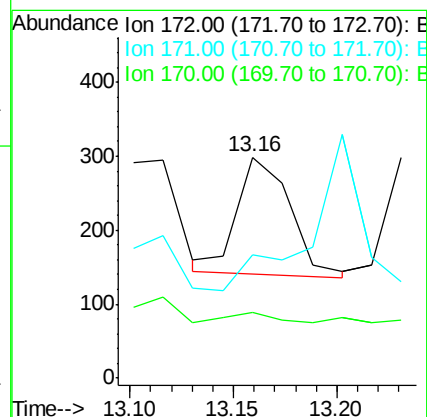
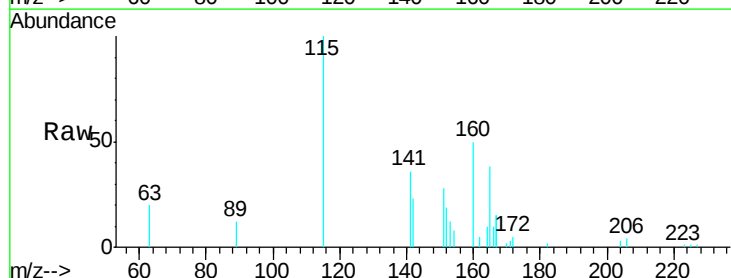
Tgt Ion:172 Resp: 282

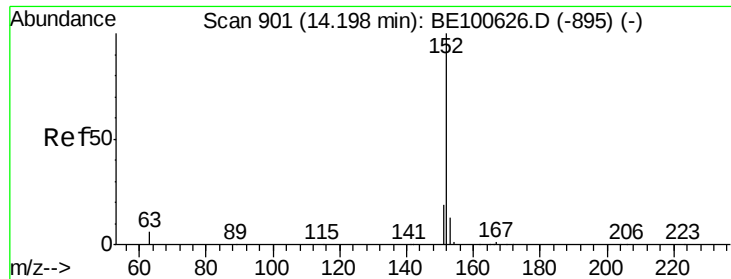
Ion Ratio Lower Upper

172 100

171 55.5 26.5 39.7#

170 29.8 19.0 28.4#

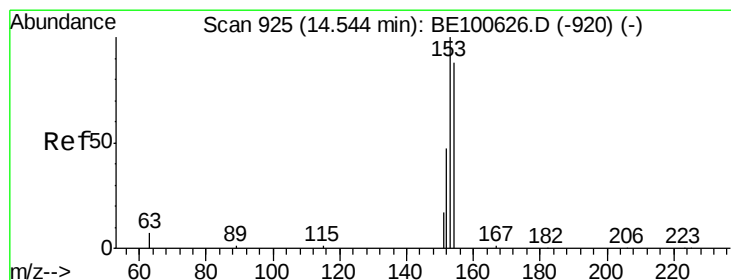
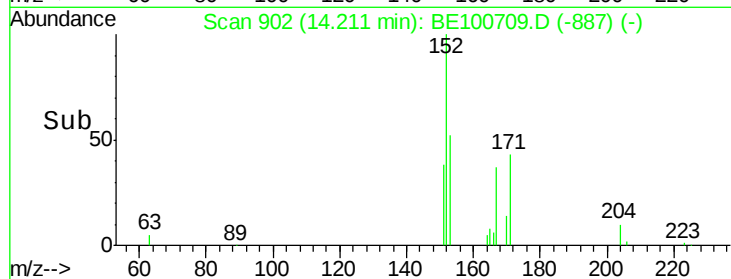
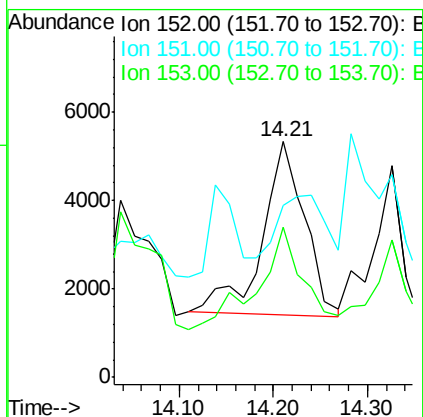
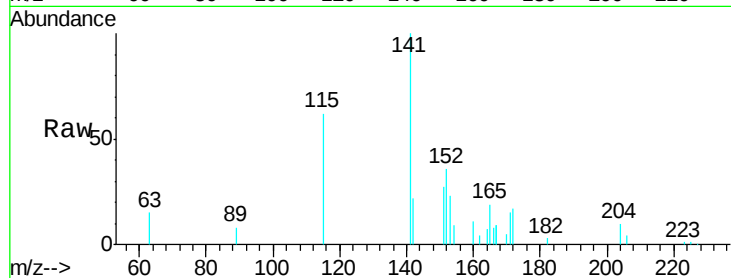




#16
Acenaphthylene
Concen: 0.293 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

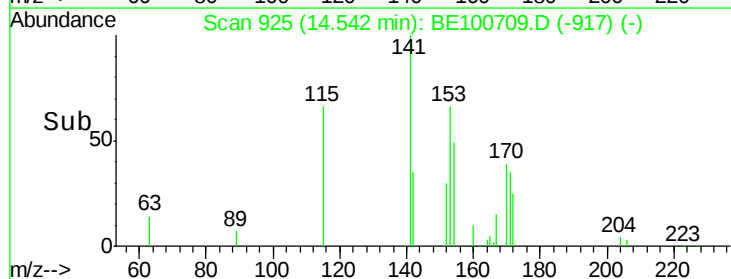
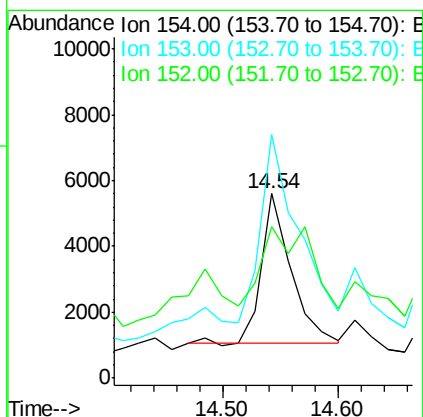
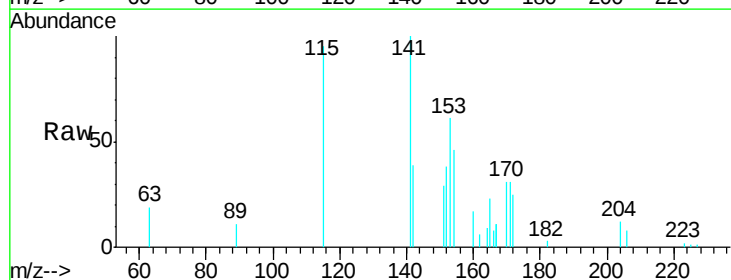
Instrument :
BNA_E
ClientSampleId :
SO-3DL

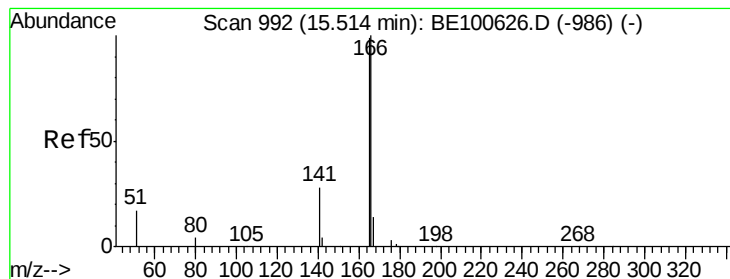
Tgt Ion:152 Resp: 12162
Ion Ratio Lower Upper
152 100
151 0.0 15.2 22.8#
153 66.6 10.3 15.5#



#17
Acenaphthene
Concen: 0.301 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:154 Resp: 8072
Ion Ratio Lower Upper
154 100
153 154.6 89.4 134.2#
152 88.5 44.1 66.1#





#18

Fluorene

Concen: 0.781 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampled :

SO-3DL

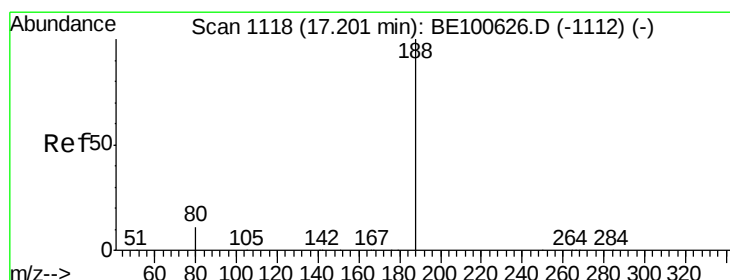
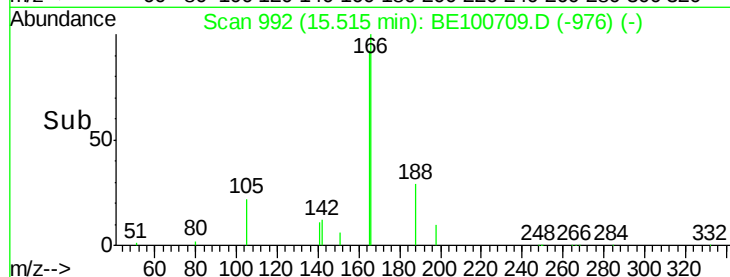
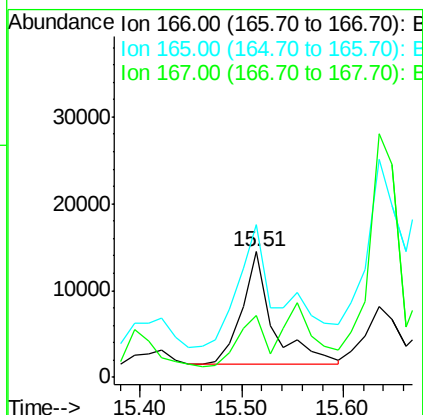
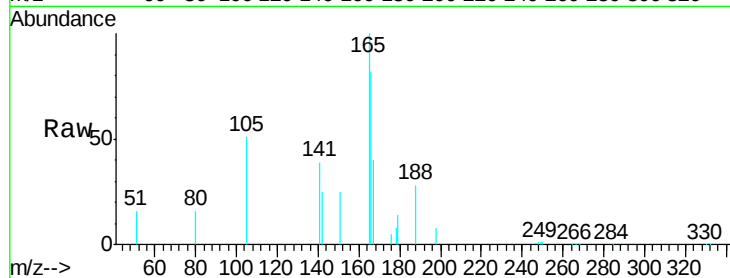
Tgt Ion:166 Resp: 27866

Ion Ratio Lower Upper

166 100

165 154.4 78.6 117.8#

167 39.7 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: BE100709.D

Acq: 7 Nov 2019 19:49

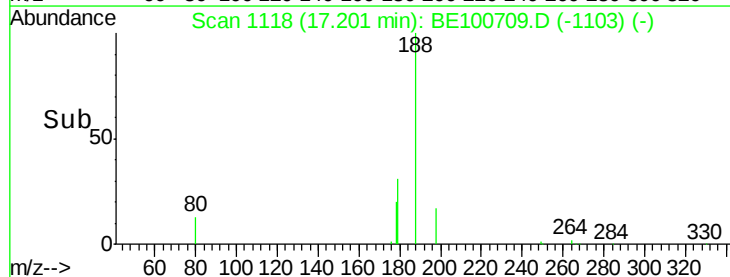
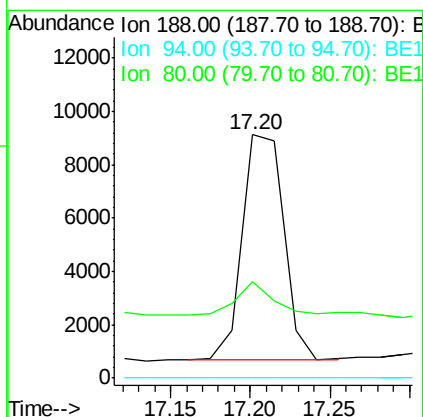
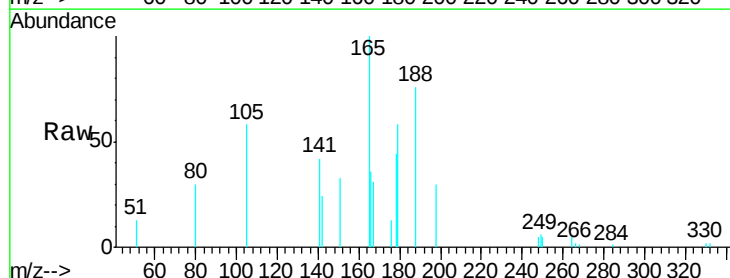
Tgt Ion:188 Resp: 15143

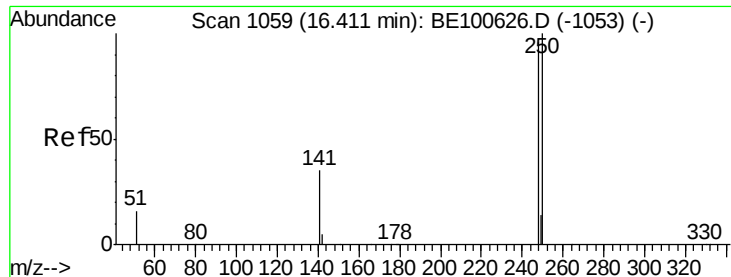
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 39.6 5.4 8.0#





#20

4-Bromophenyl-phenylether

Concen: 0.040 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

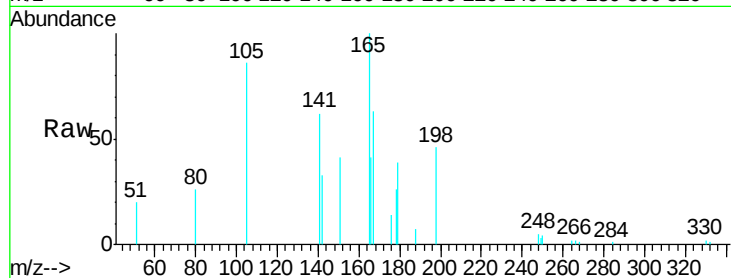
Tgt Ion:248 Resp: 307

Ion Ratio Lower Upper

248 100

250 89.8 76.3 114.5

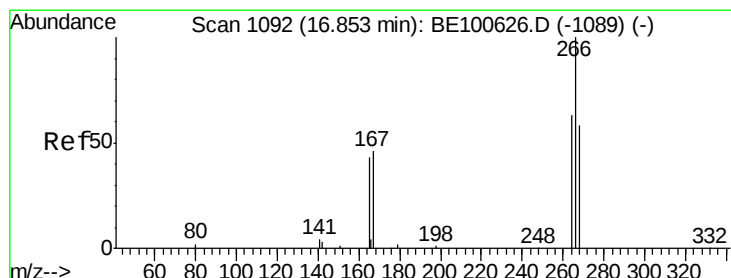
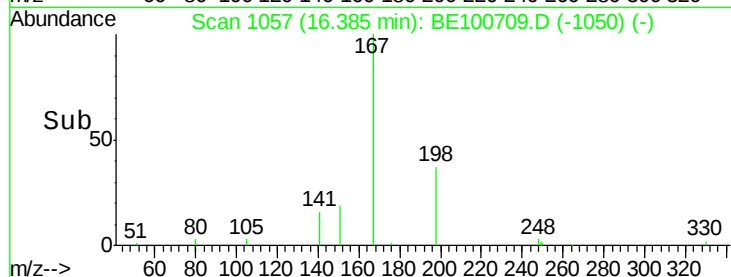
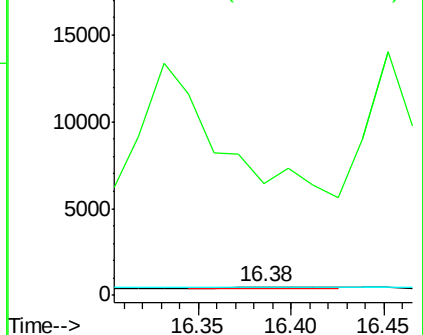
141 1305.7 37.3 55.9#



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



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

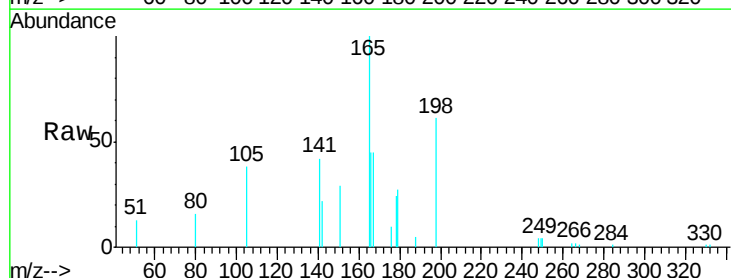
Tgt Ion:266 Resp: 83

Ion Ratio Lower Upper

266 100

264 141.9 52.2 78.4#

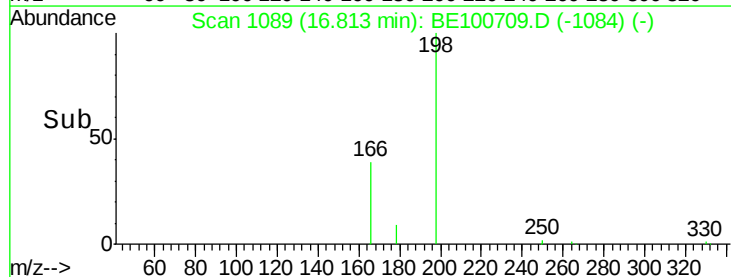
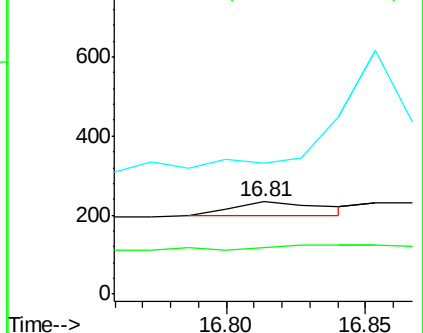
268 50.0 53.1 79.7#

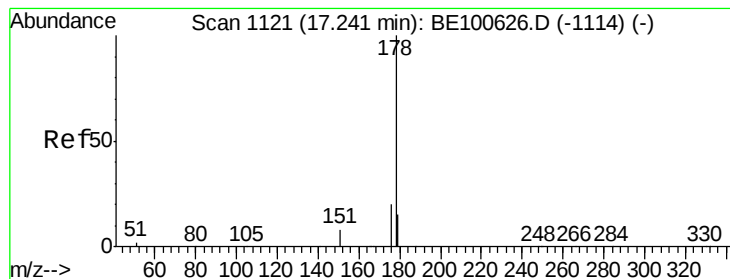


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.421 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

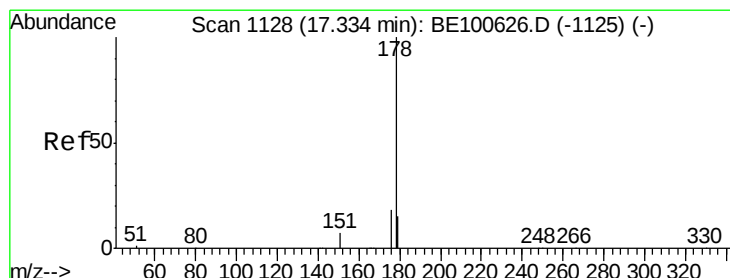
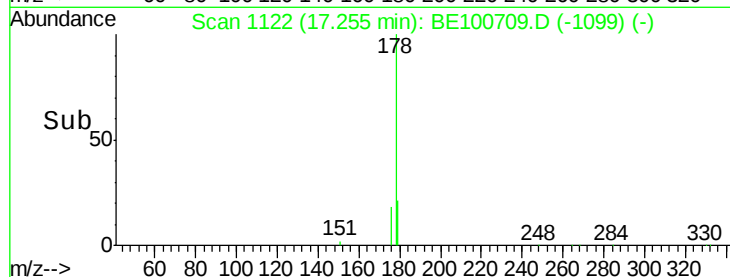
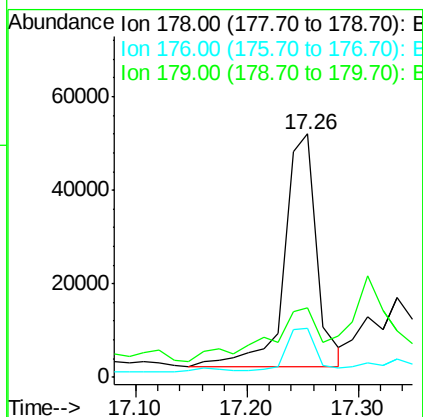
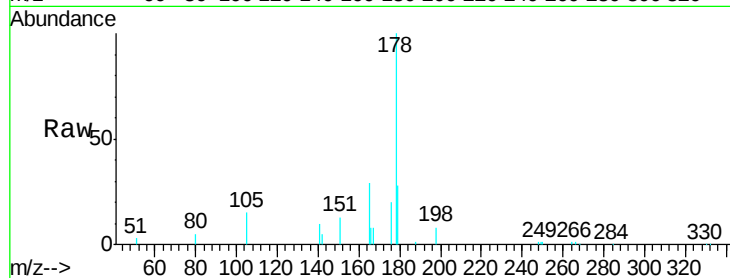
Tgt Ion:178 Resp: 100828

Ion Ratio Lower Upper

178 100

176 16.4 15.2 22.8

179 35.5 12.1 18.1#



#24

Anthracene

Concen: 0.635 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

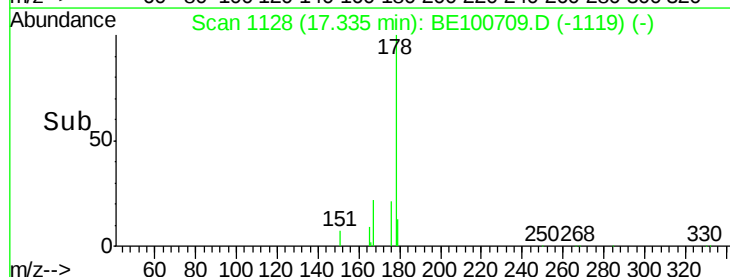
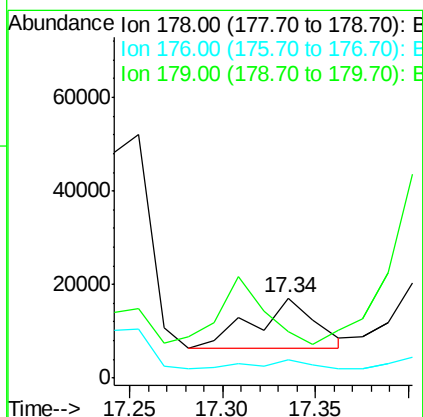
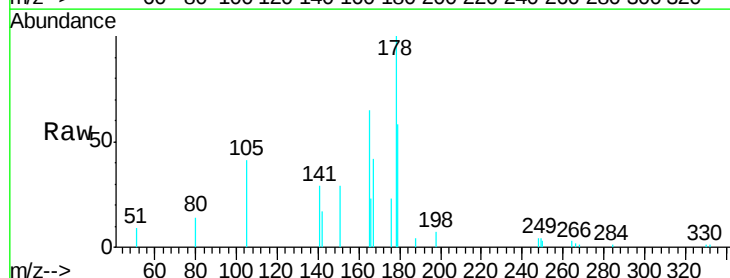
Tgt Ion:178 Resp: 24553

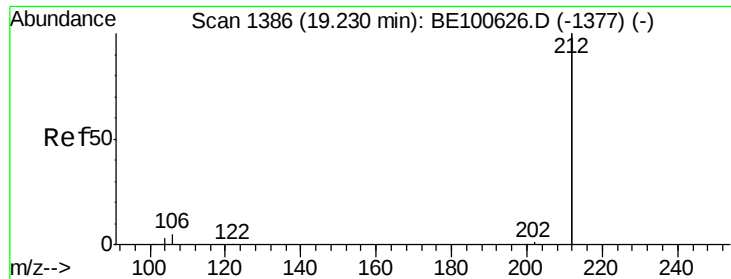
Ion Ratio Lower Upper

178 100

176 14.7 15.0 22.4#

179 0.0 12.5 18.7#





#25

Fluoranthene-d10

Concen: 0.025 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

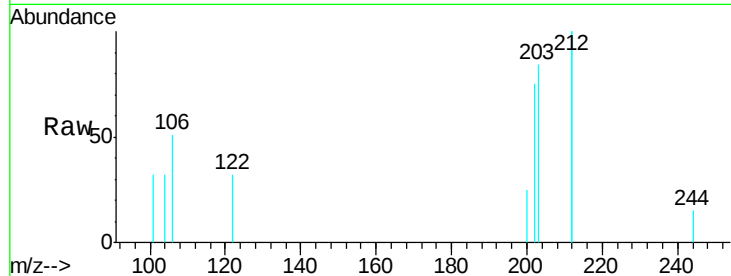
Tgt Ion:212 Resp: 4827

Ion Ratio Lower Upper

212 100

106 0.0 2.3 3.5#

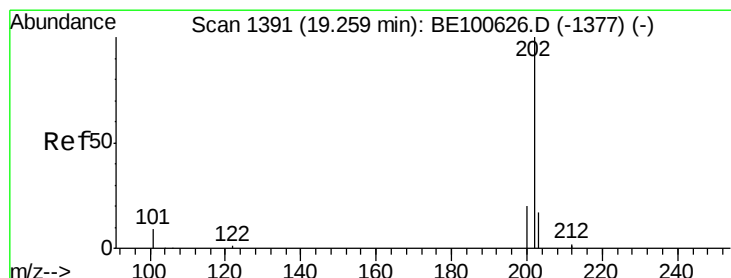
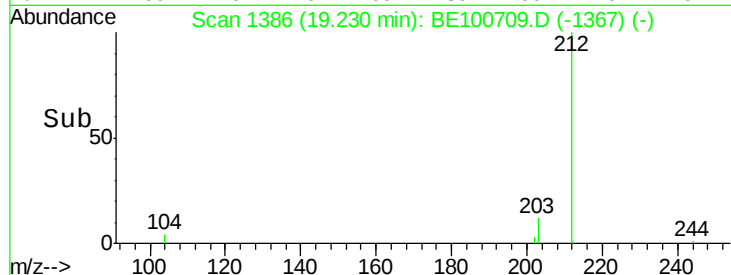
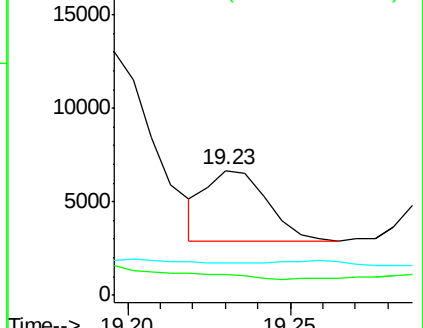
104 0.0 1.3 1.9#



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: 2.950 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

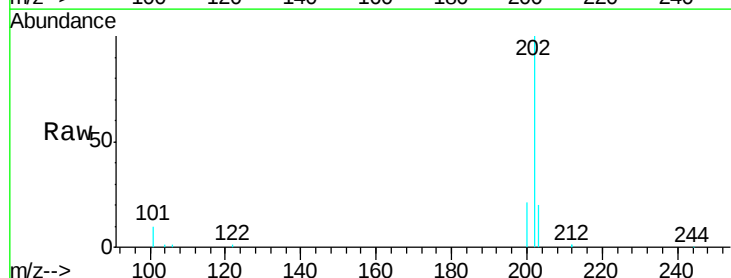
Tgt Ion:202 Resp: 160376

Ion Ratio Lower Upper

202 100

101 10.8 8.5 12.7

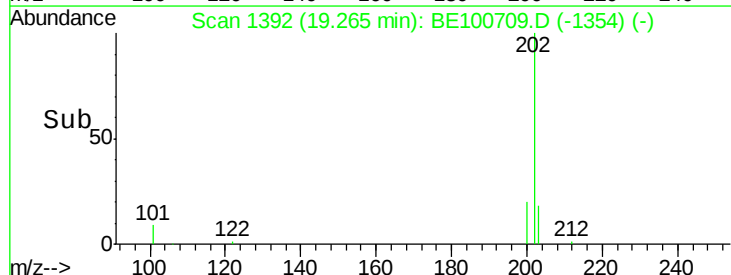
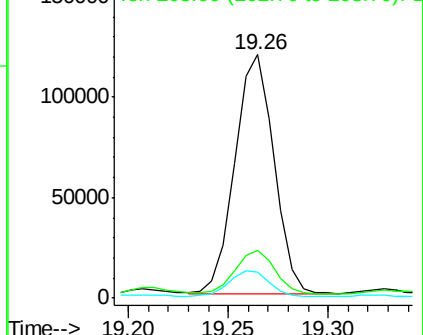
203 18.0 13.8 20.8

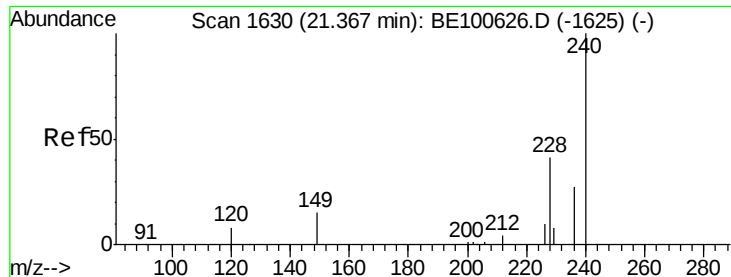


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

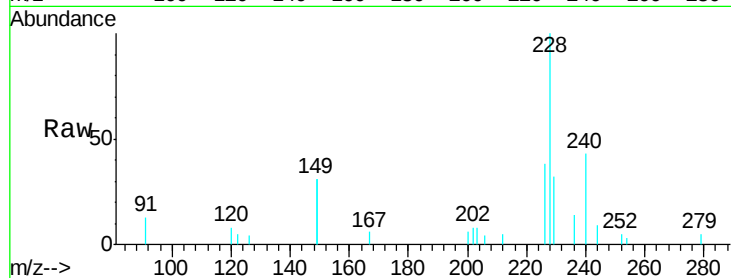
Tgt Ion:240 Resp: 16465

Ion Ratio Lower Upper

240 100

120 17.7 7.6 11.4#

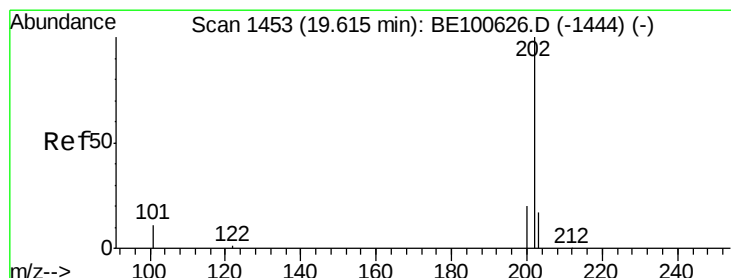
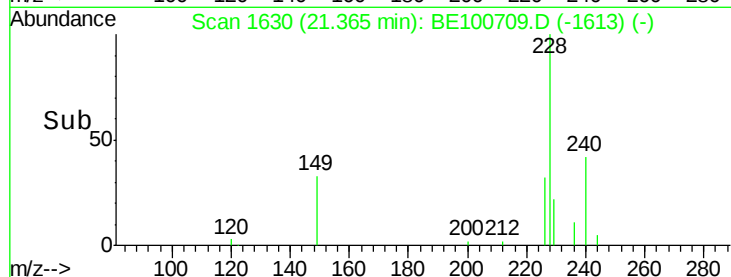
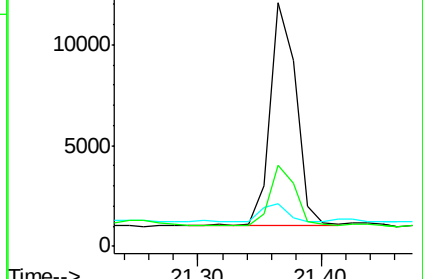
236 33.4 22.1 33.1#



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: 4.364 ng

RT: 19.62 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

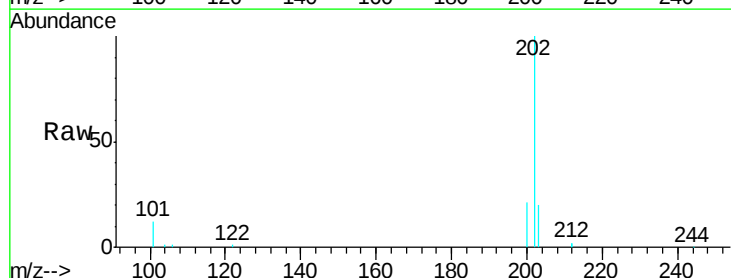
Tgt Ion:202 Resp: 200764

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

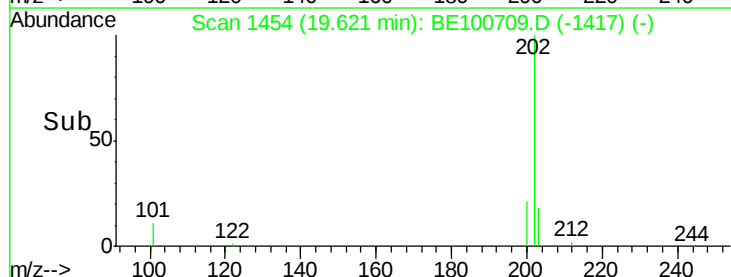
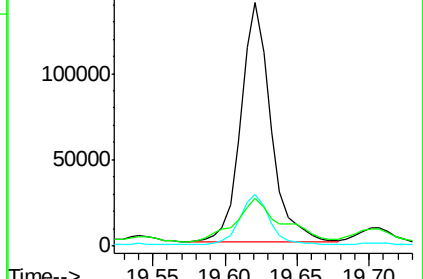
203 27.1 14.0 21.0#

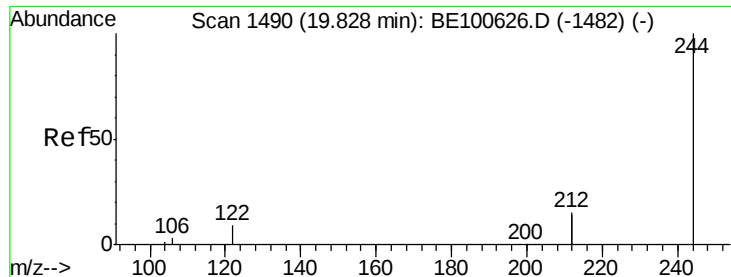


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.029 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

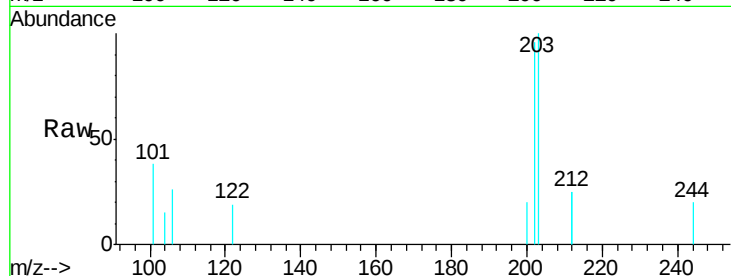
Tgt Ion:244 Resp: 1038

Ion Ratio Lower Upper

244 100

212 254.3 23.7 35.5#

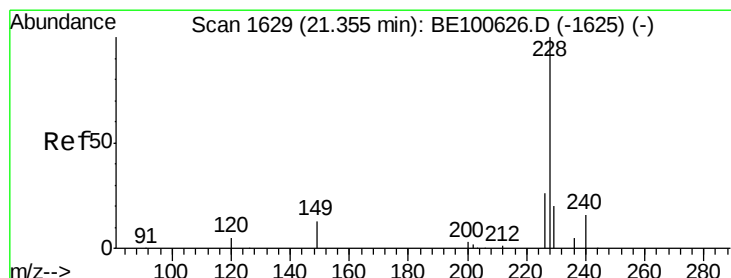
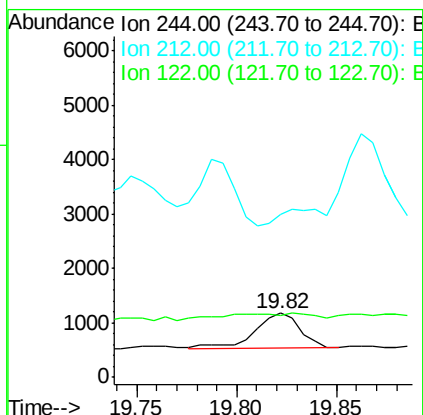
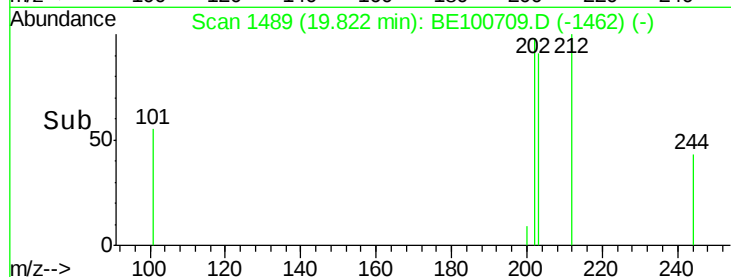
122 96.5 7.9 11.9#



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: 2.074 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

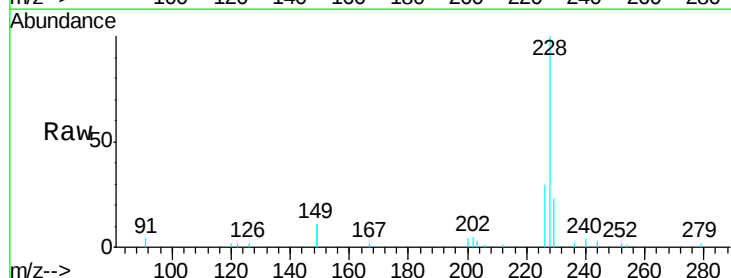
Tgt Ion:228 Resp: 111375

Ion Ratio Lower Upper

228 100

226 30.3 21.4 32.0

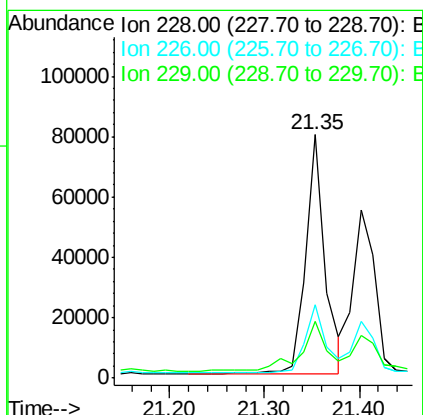
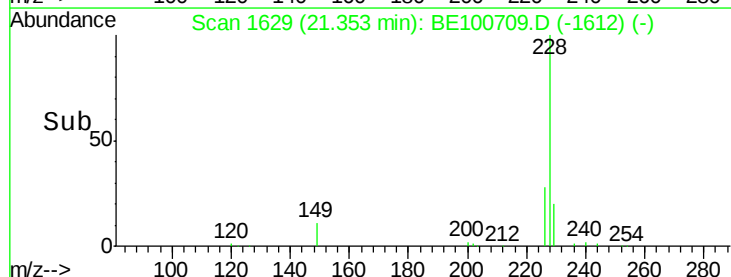
229 23.3 16.0 24.0

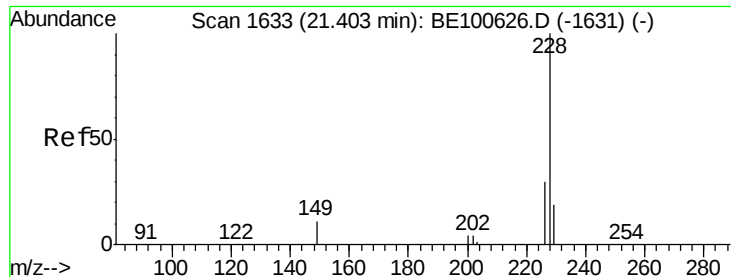


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.892 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.04 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampled :

SO-3DL

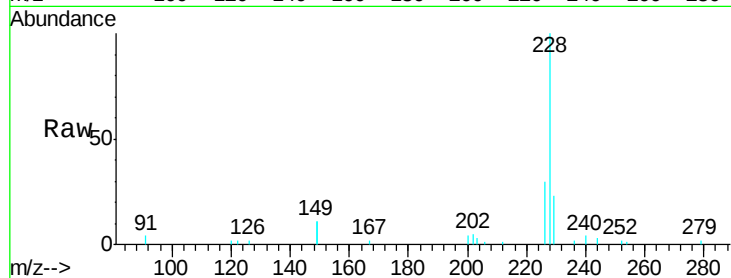
Tgt Ion: 228 Resp: 101575

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

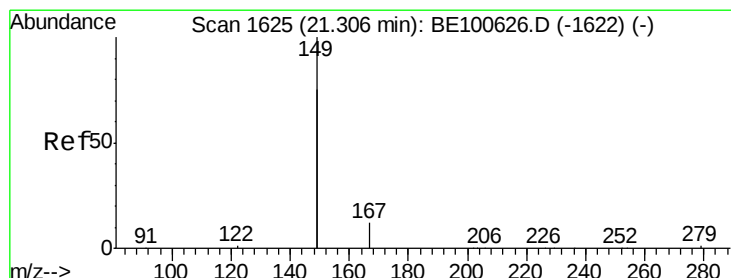
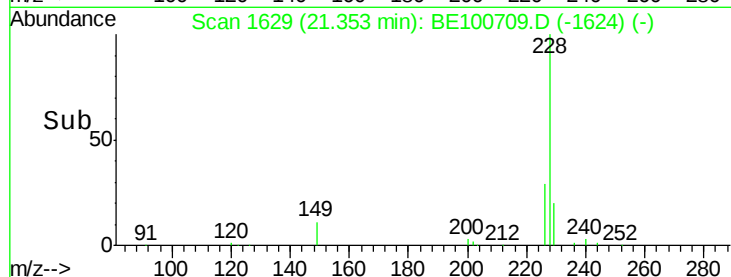
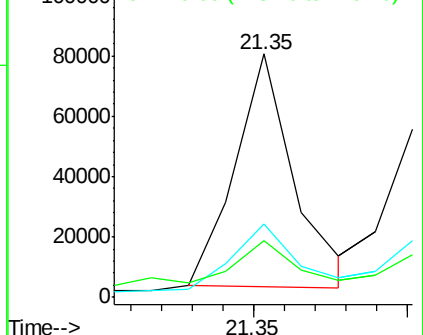
229 23.3 15.8 23.8



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: 0.036 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

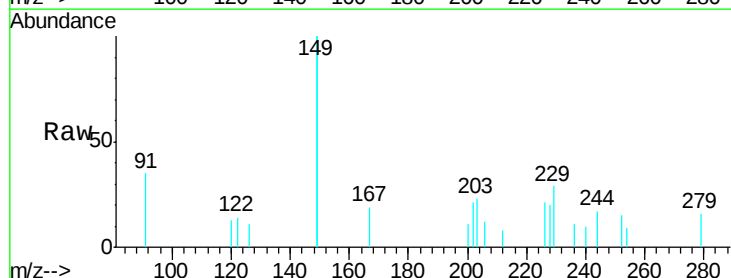
Tgt Ion: 149 Resp: 4053

Ion Ratio Lower Upper

149 100

167 13.3 5.5 8.3#

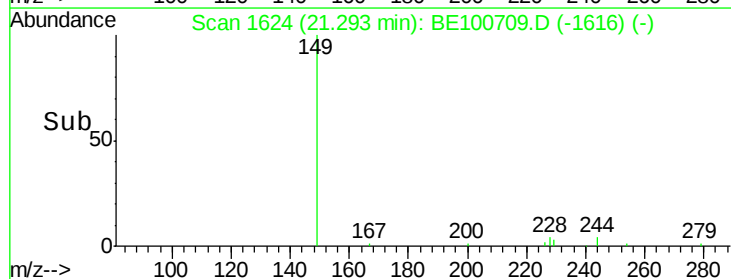
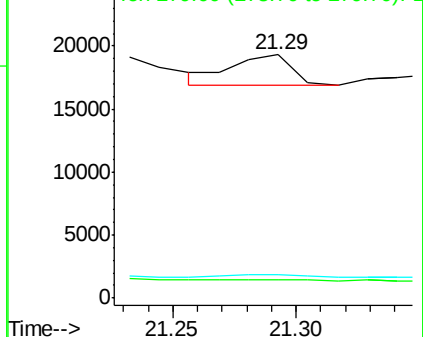
279 0.0 0.9 1.3#

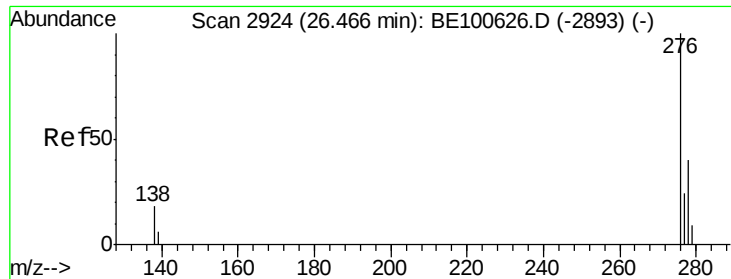


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.284 ng

RT: 26.48 min Scan# 2927

Delta R.T. 0.04 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

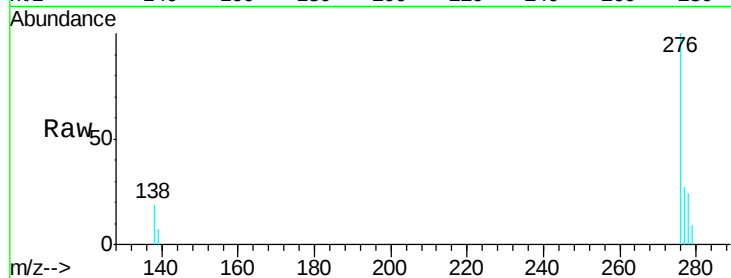
Tgt Ion:276 Resp: 84711

Ion Ratio Lower Upper

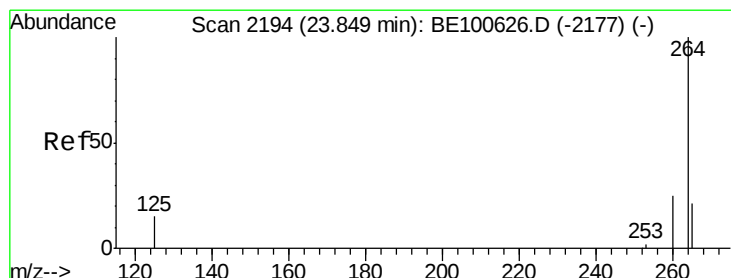
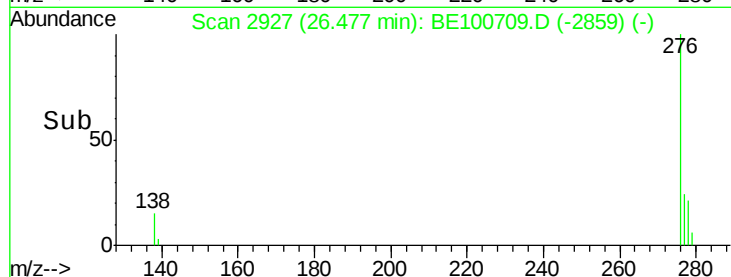
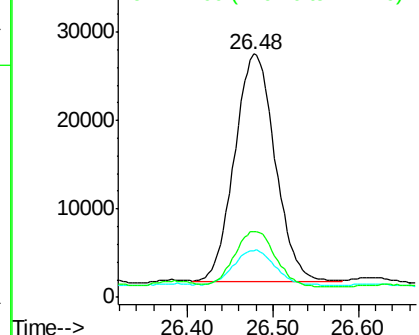
276 100

138 15.8 15.3 22.9

277 25.0 19.4 29.2



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: 23.85 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

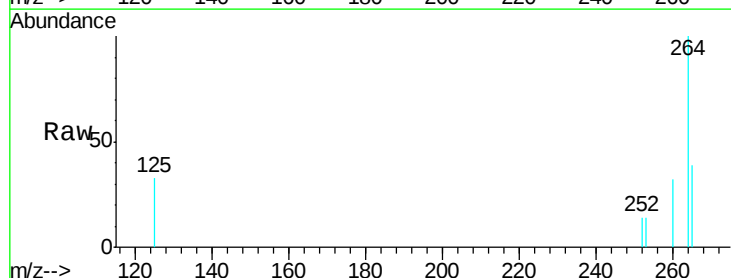
Tgt Ion:264 Resp: 19119

Ion Ratio Lower Upper

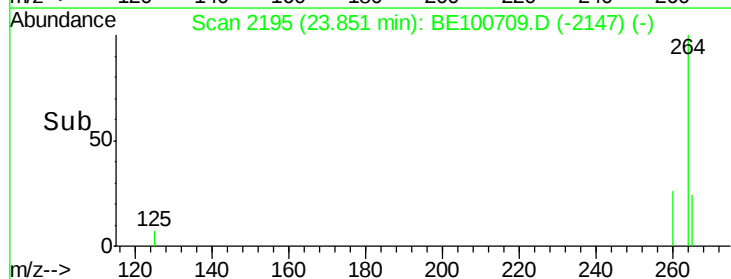
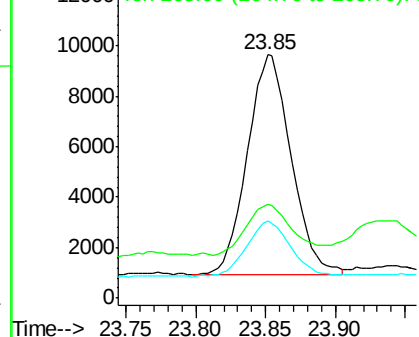
264 100

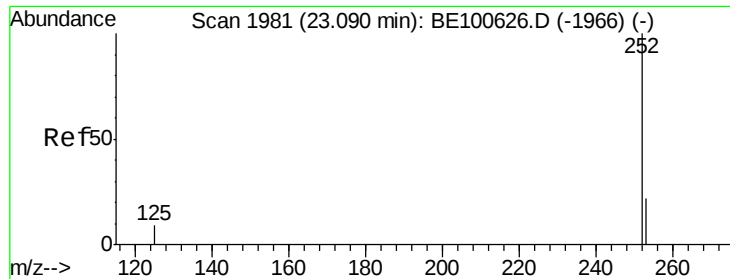
260 31.7 19.4 29.2#

265 38.6 21.7 32.5#



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: 2.481 ng

RT: 23.10 min Scan# 1983

Delta R.T. 0.02 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

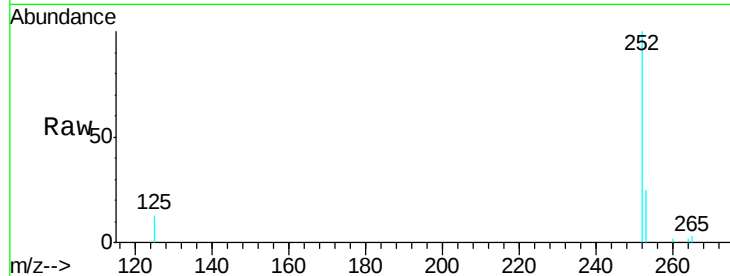
Tgt Ion:252 Resp: 138298

Ion Ratio Lower Upper

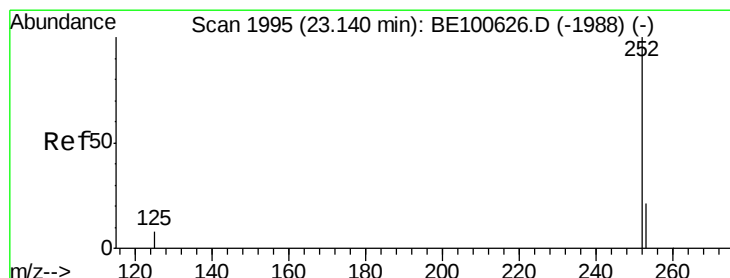
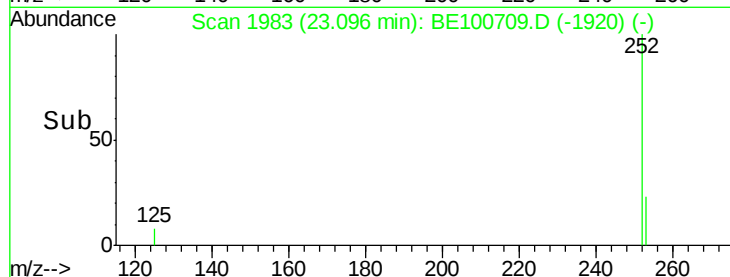
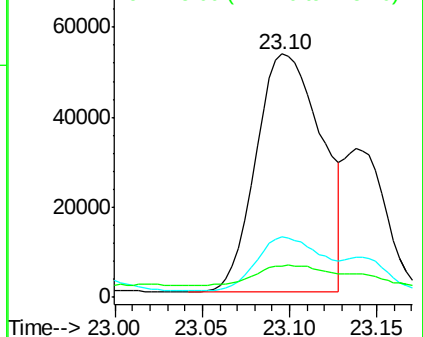
252 100

253 24.7 18.4 27.6

125 13.0 7.6 11.4#



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: 2.412 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

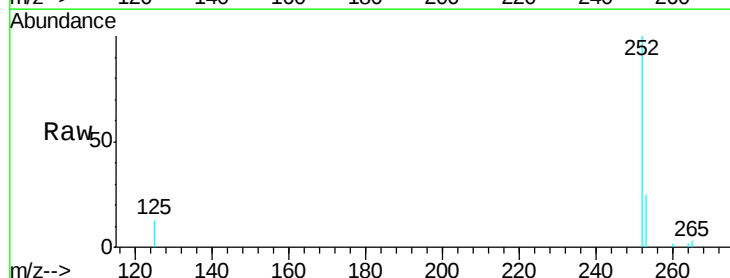
Tgt Ion:252 Resp: 138298

Ion Ratio Lower Upper

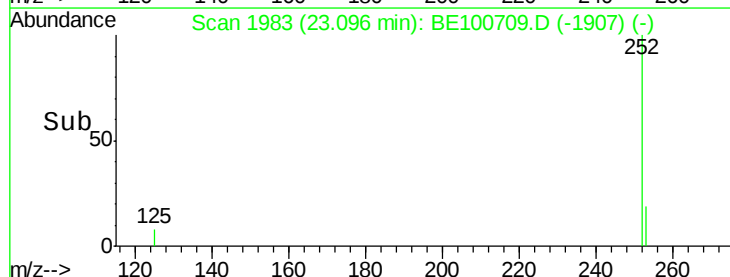
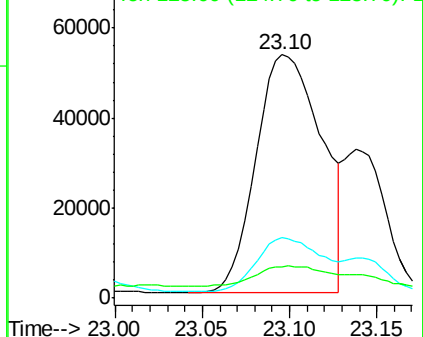
252 100

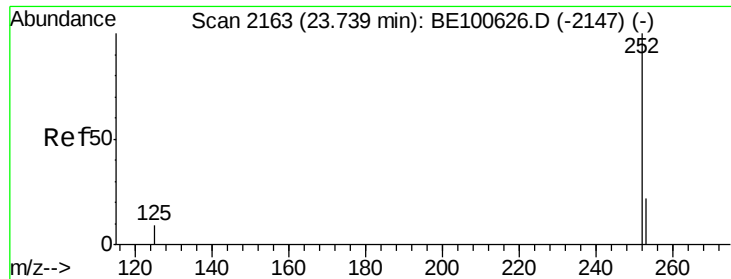
253 24.7 18.4 27.6

125 13.0 11.6 17.4



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





#37

Benzo(a)pyrene

Concen: 2.141 ng

RT: 23.74 min Scan# 2164

Delta R.T. 0.02 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

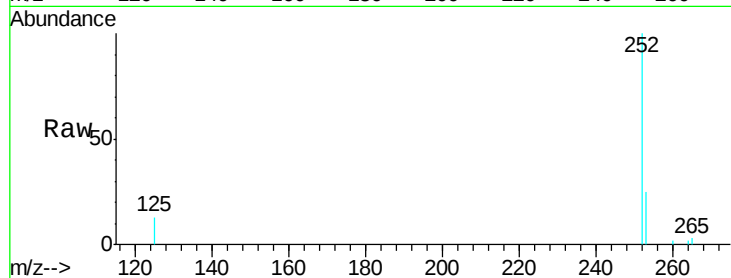
Tgt Ion:252 Resp: 111120

Ion Ratio Lower Upper

252 100

253 24.8 18.4 27.6

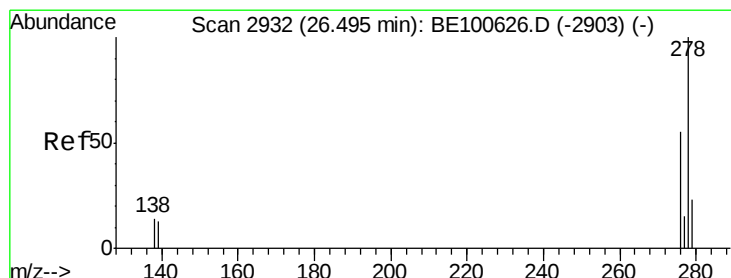
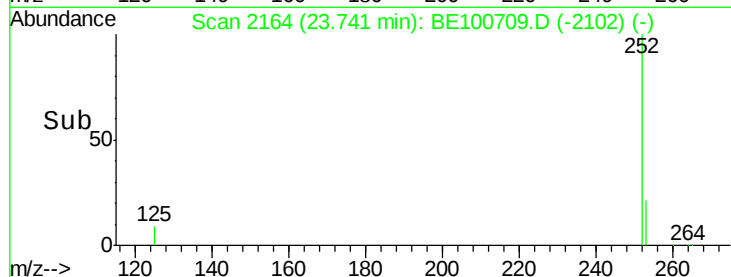
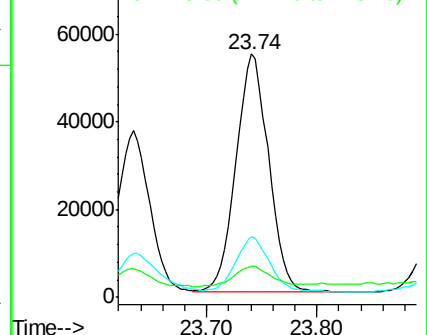
125 13.0 8.2 12.4#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.430 ng

RT: 26.49 min Scan# 2931

Delta R.T. 0.03 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

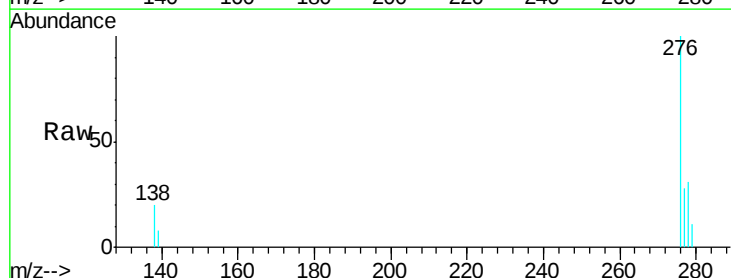
Tgt Ion:278 Resp: 23083

Ion Ratio Lower Upper

278 100

139 25.8 10.9 16.3#

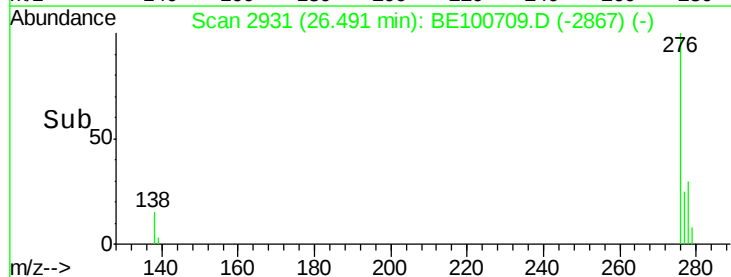
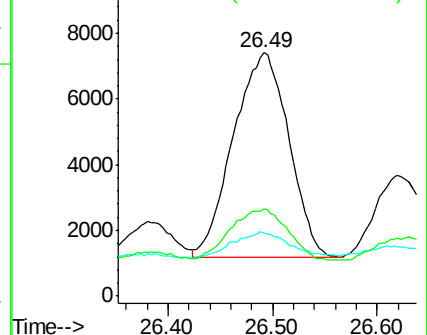
279 36.1 19.4 29.2#

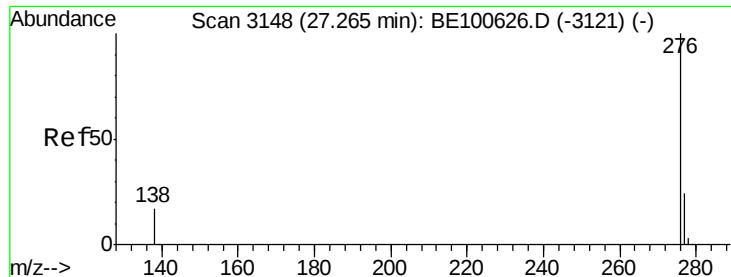


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.518 ng

RT: 27.29 min Scan# 3154

Delta R.T. 0.05 min

Lab File: BE100709.D

Acq: 7 Nov 2019 19:49

Instrument :

BNA_E

ClientSampleId :

SO-3DL

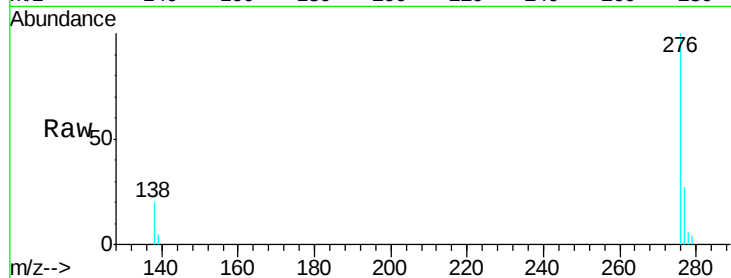
Tgt Ion: 276 Resp: 81911

Ion Ratio Lower Upper

276 100

277 27.3 19.4 29.0

138 19.8 13.6 20.4



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

