

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100350.D
 Acq On : 4 Jul 2019 4:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 05 01:13:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	677	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2271	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1665	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	4924	0.40	ng	0.00
27) Chrysene-d12	21.24	240	6166	0.40	ng	0.00
34) Perylene-d12	23.67	264	7108	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	696	0.40	ng	-0.01
5) Phenol-d6	6.83	99	911	0.40	ng	-0.01
8) Nitrobenzene-d5	8.81	82	952	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1881	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	521	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2901	0.45	ng	-0.01
25) Fluoranthene-d10	19.09	212	29573	0.41	ng	0.00
29) Terphenyl-d14	19.69	244	6487	0.51	ng	0.00

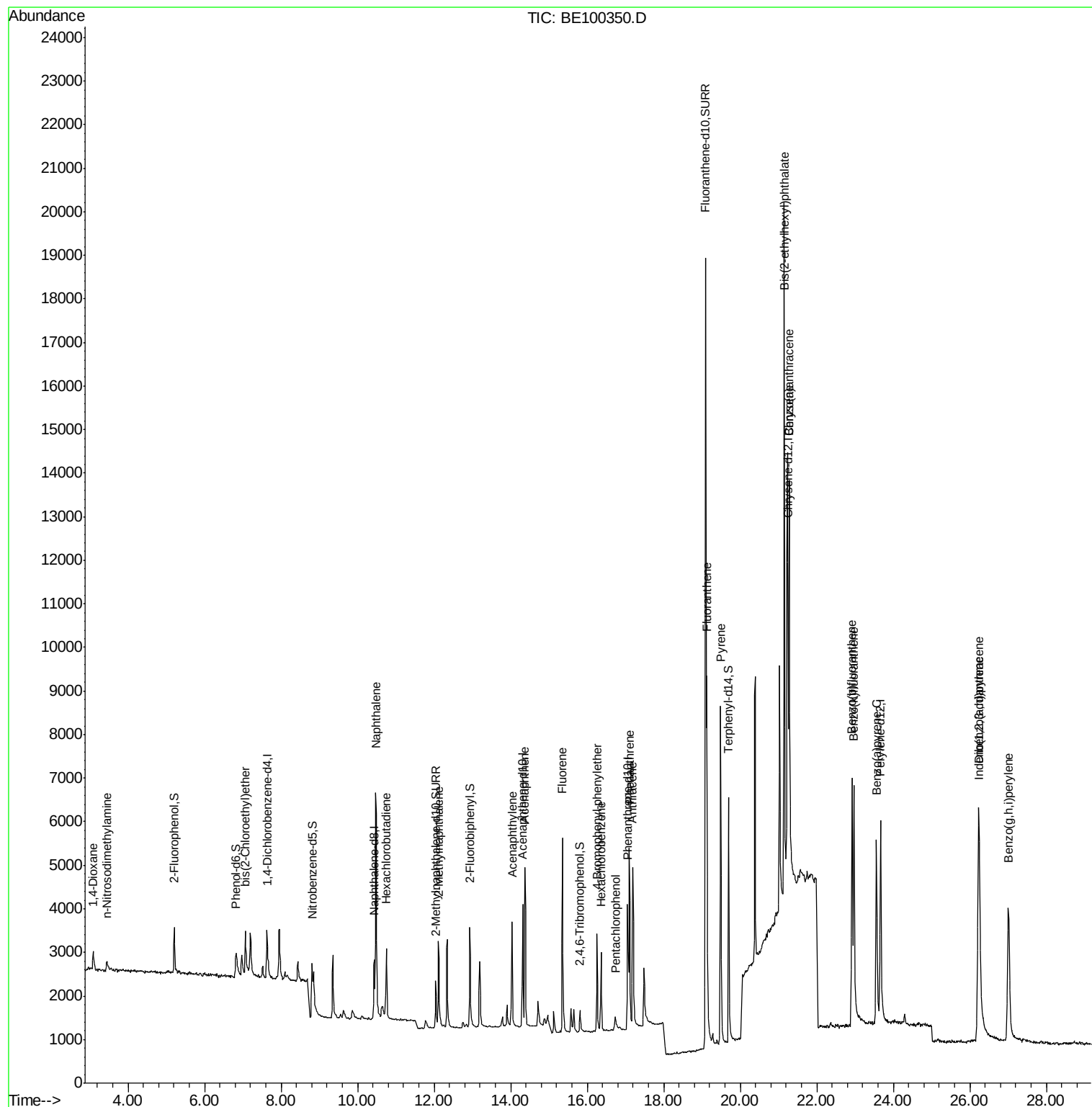
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	366	0.348	ng	93
3) n-Nitrosodimethylamine	3.44	42	234	0.478	ng	# 77
6) bis(2-Chloroethyl)ether	7.07	93	689	0.369	ng	# 72
9) Naphthalene	10.47	128	10717	0.428	ng	100
10) Hexachlorobutadiene	10.74	225	1232	0.511	ng	99
12) 2-Methylnaphthalene	12.11	142	1732	0.394	ng	94
16) Acenaphthylene	14.04	152	3585	0.449	ng	99
17) Acenaphthene	14.37	154	1998	0.441	ng	96
18) Fluorene	15.35	166	2894	0.432	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	1401	0.446	ng	93
21) Hexachlorobenzene	16.36	284	1525	0.467	ng	97
22) Pentachlorophenol	16.73	266	405	0.412	ng	98
23) Phenanthrene	17.09	178	5110	0.428	ng	99
24) Anthracene	17.19	178	4618	0.430	ng	99
26) Fluoranthene	19.13	202	8164	0.429	ng	99
28) Pyrene	19.49	202	8464	0.518	ng	99
30) Benzo(a)anthracene	21.28	228	9144	0.451	ng	94
31) Chrysene	21.28	228	8767	0.431	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	16742	0.527	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.22	276	10656	0.396	ng	# 93
35) Benzo(b)fluoranthene	22.92	252	8520	0.442	ng	97
36) Benzo(k)fluoranthene	22.97	252	9131	0.424	ng	# 92
37) Benzo(a)pyrene	23.56	252	8268	0.428	ng	# 93
38) Dibenzo(a,h)anthracene	26.24	278	8460	0.419	ng	# 92
39) Benzo(g,h,i)perylene	27.01	276	9173	0.443	ng	93

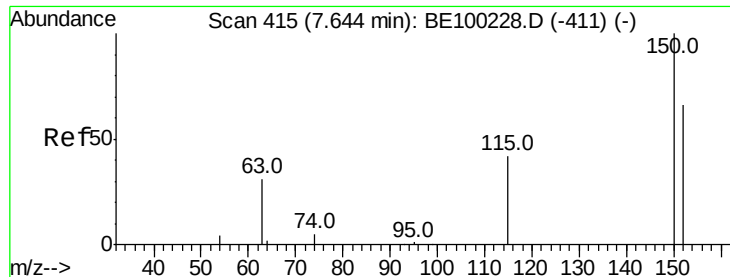
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 05 01:13:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

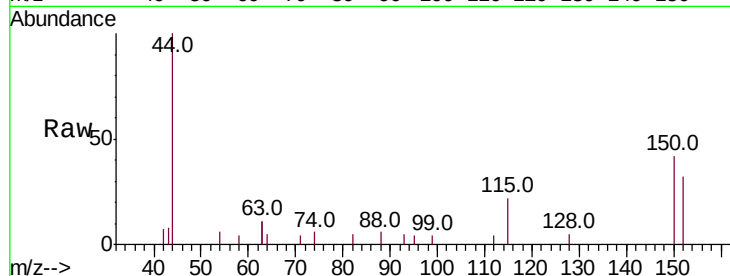
Tot Ion:152 Resp: 677

Ion Ratio Lower Upper

152 100

150 130.3 114.5 171.7

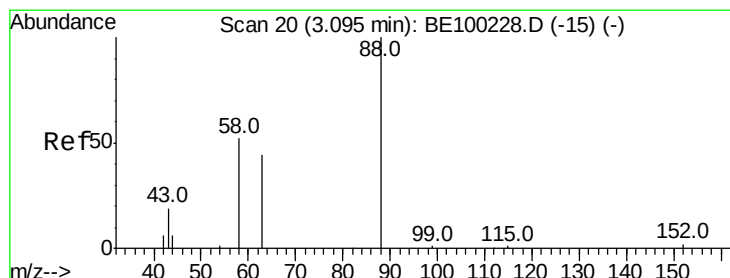
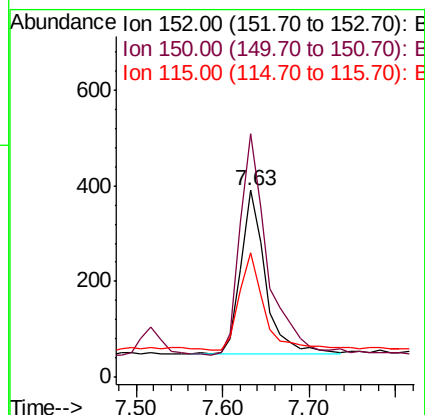
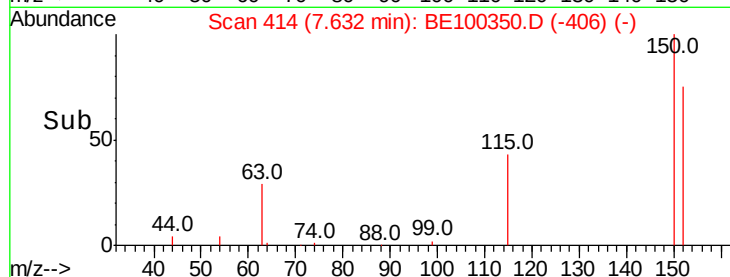
115 66.4 57.1 85.7



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: 0.348 ng

RT: 3.08 min Scan# 19

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

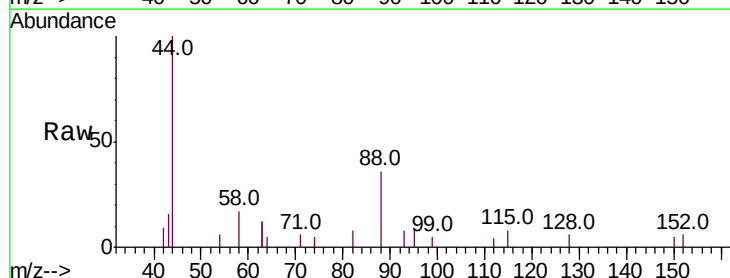
Tgt Ion: 88 Resp: 366

Ion Ratio Lower Upper

88 100

58 60.1 43.6 65.4

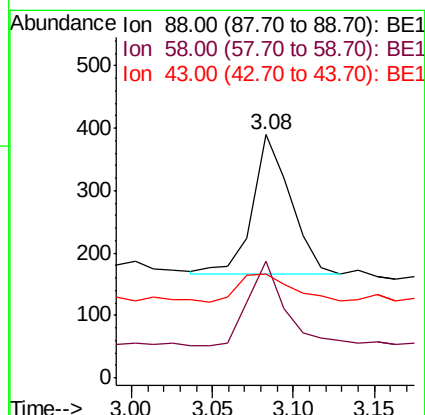
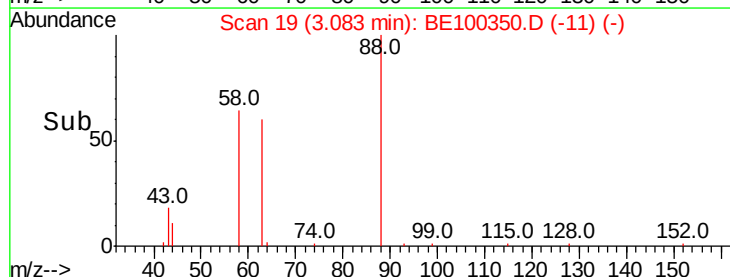
43 29.0 21.4 32.0

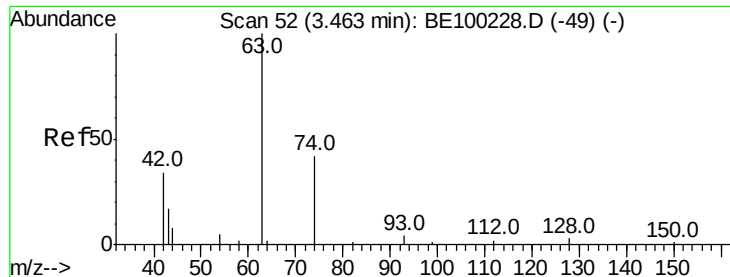


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.478 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

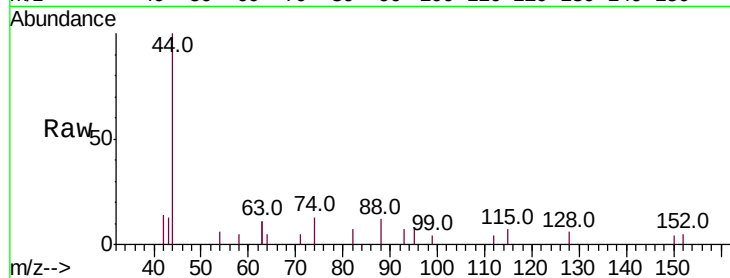
Tot Ion: 42 Resp: 234

Ion Ratio Lower Upper

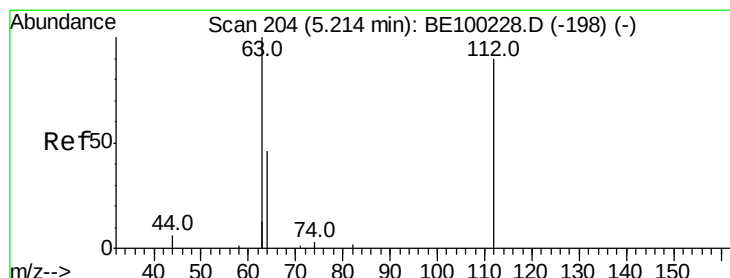
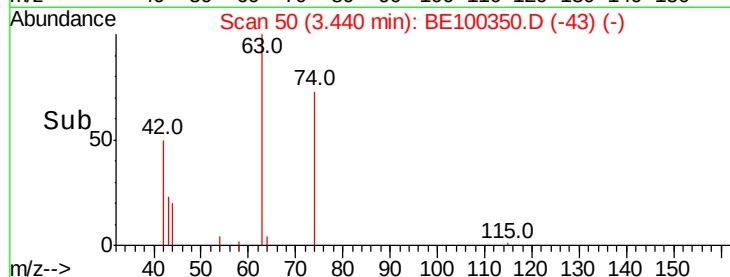
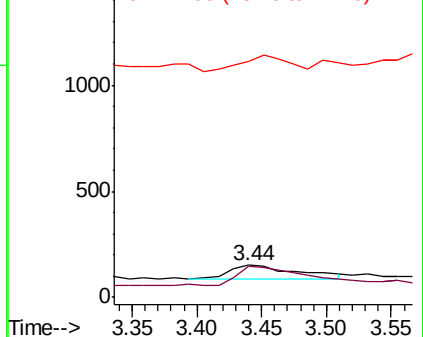
42 100

74 142.7 130.6 196.0

44 81.2 38.0 57.0#



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: 0.403 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

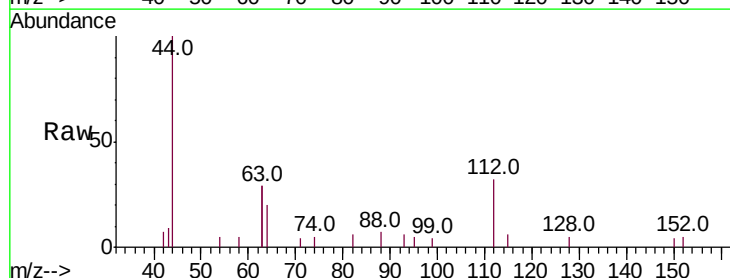
Tgt Ion: 112 Resp: 696

Ion Ratio Lower Upper

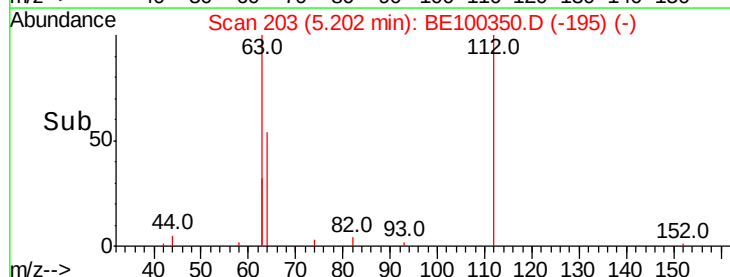
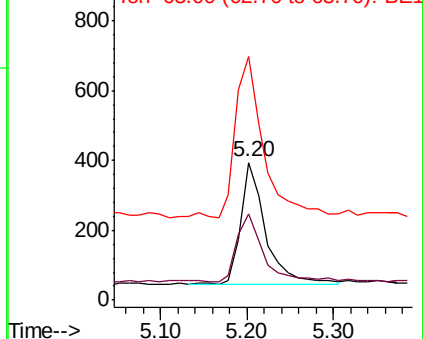
112 100

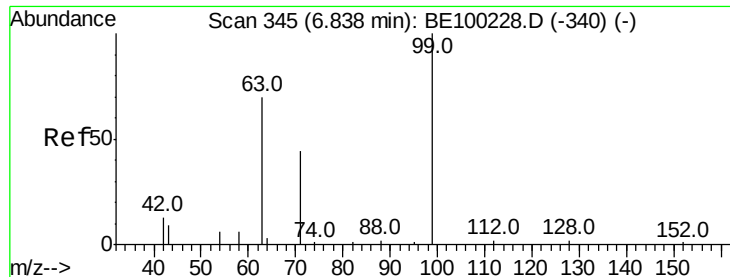
64 61.2 39.4 59.0#

63 146.7 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.401 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

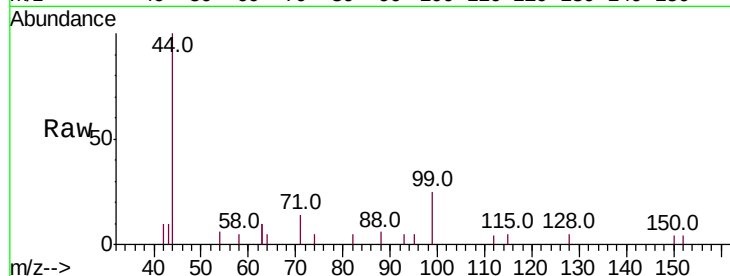
Tot Ion: 99 Resp: 911

Ion Ratio Lower Upper

99 100

42 19.4 11.2 16.8#

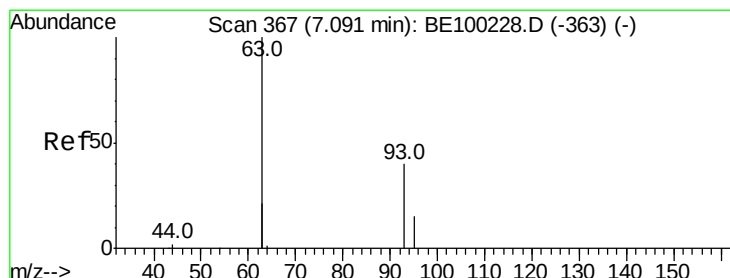
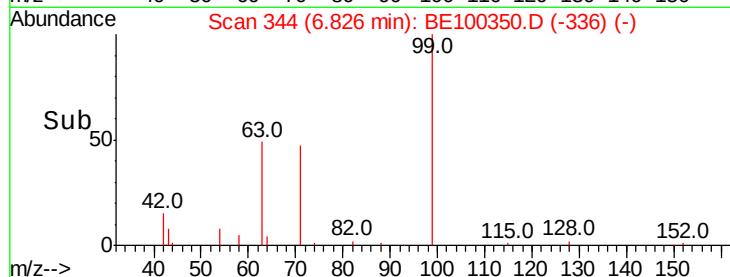
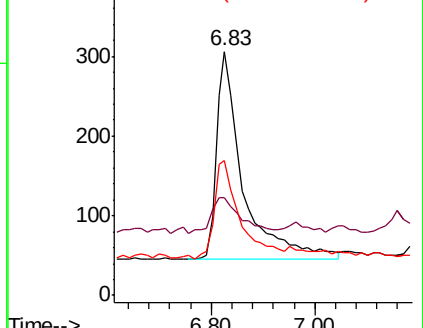
71 43.0 37.2 55.8



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: 0.369 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

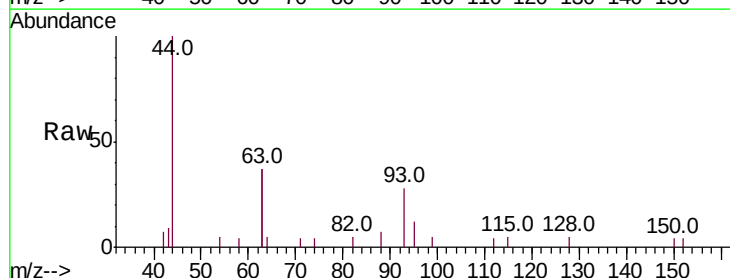
Tgt Ion: 93 Resp: 689

Ion Ratio Lower Upper

93 100

63 240.5 155.6 233.4#

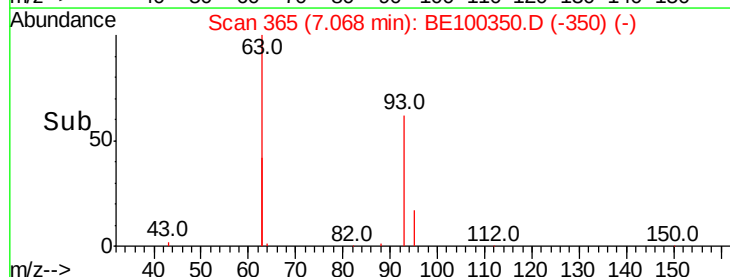
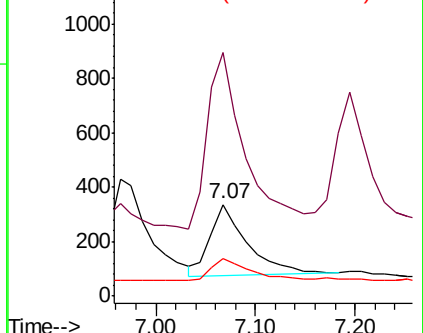
95 33.5 23.0 34.4

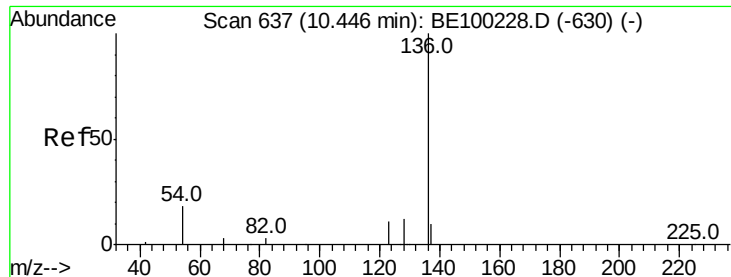


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2271

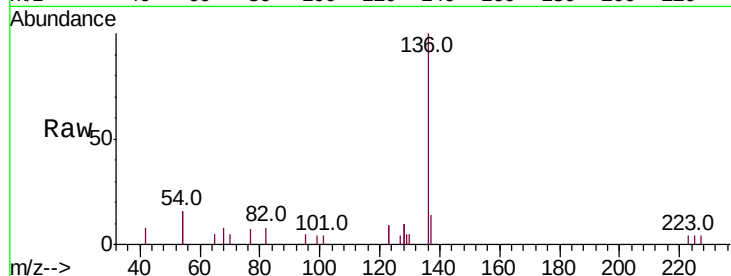
Ion Ratio Lower Upper

136 100

137 14.2 11.8 17.8

54 32.5 27.7 41.5

68 8.3 6.8 10.2

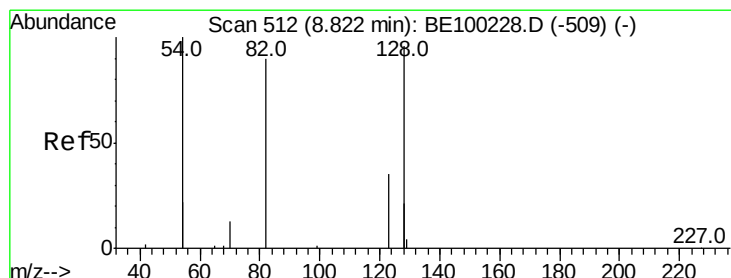
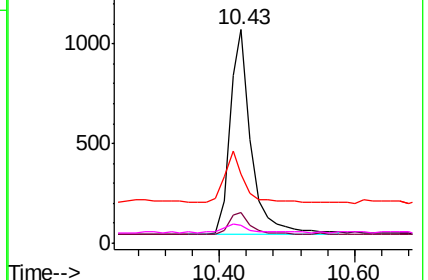
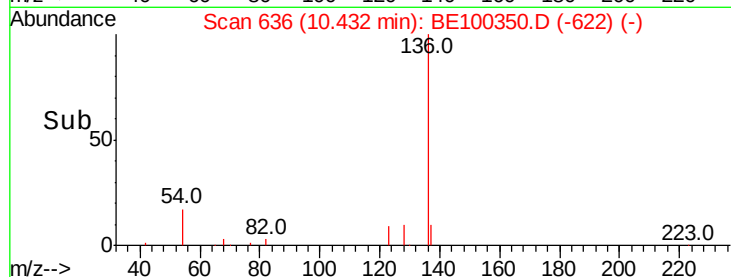


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.422 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

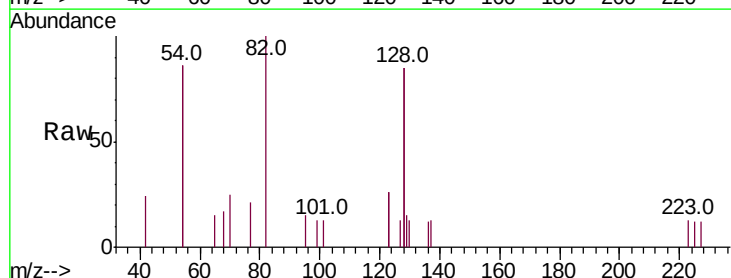
Tgt Ion: 82 Resp: 952

Ion Ratio Lower Upper

82 100

128 170.4 140.9 211.3

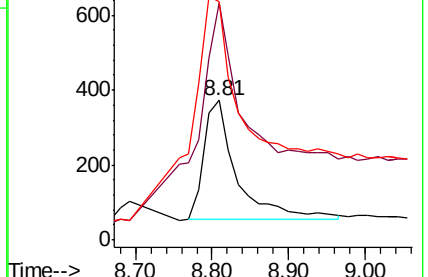
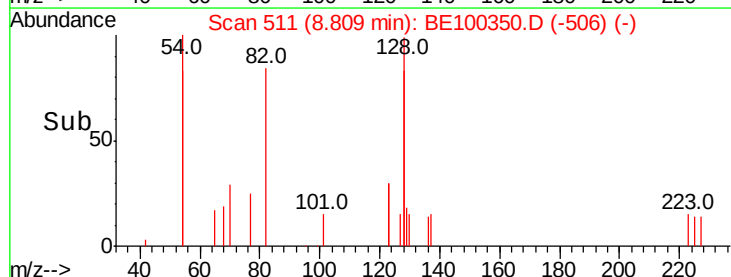
54 171.5 146.2 219.2

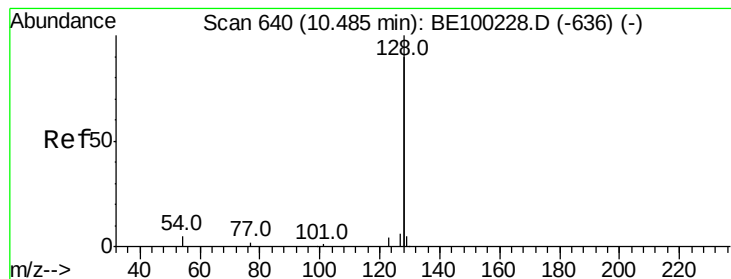


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.428 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

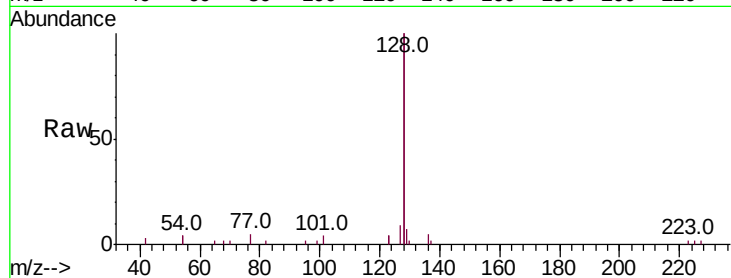
Tot Ion:128 Resp: 10717

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

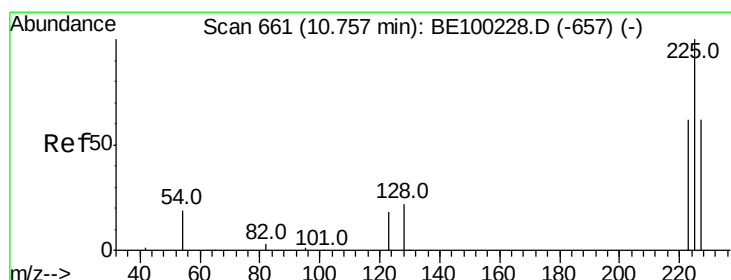
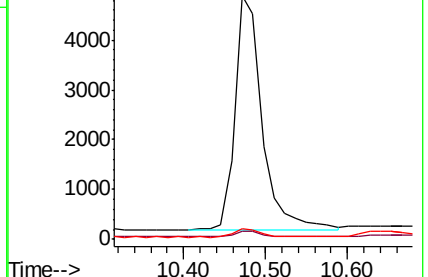
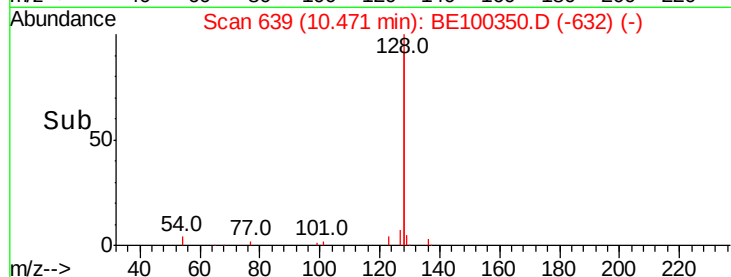
127 4.4 3.5 5.3



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: 0.511 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

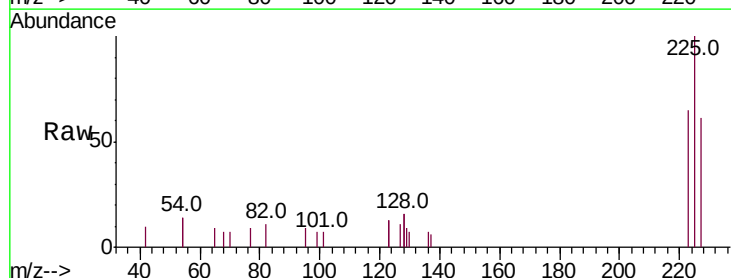
Tgt Ion:225 Resp: 1232

Ion Ratio Lower Upper

225 100

223 61.3 49.1 73.7

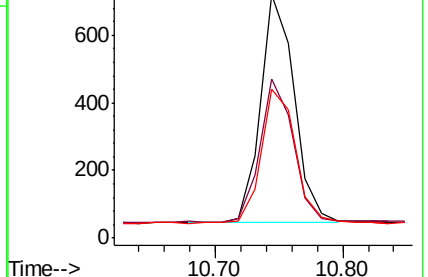
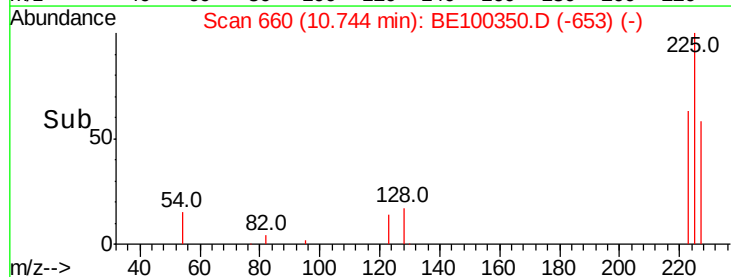
227 60.5 49.3 73.9

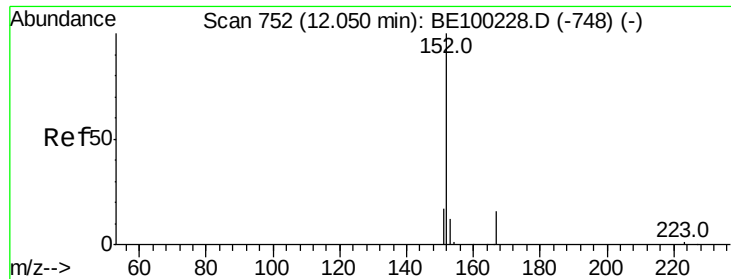


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

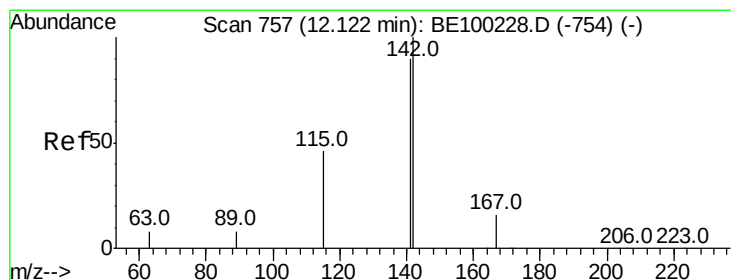
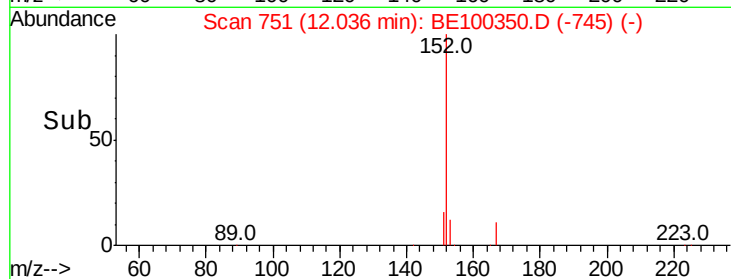
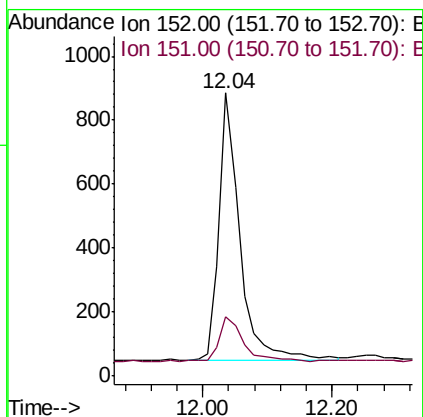
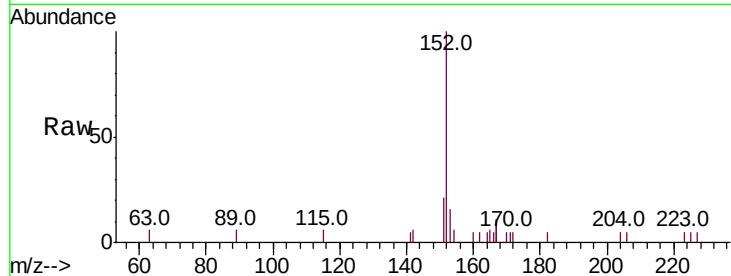




#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100350.D
Acq: 4 Jul 2019 4:14

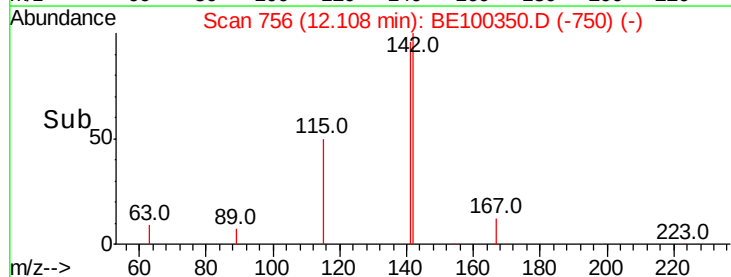
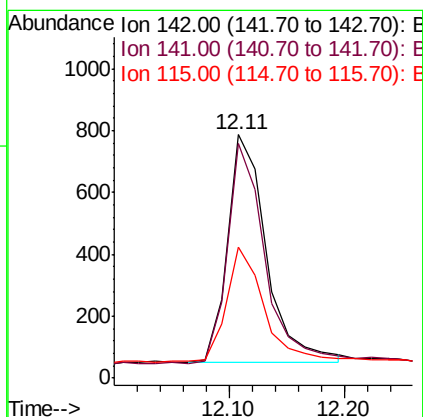
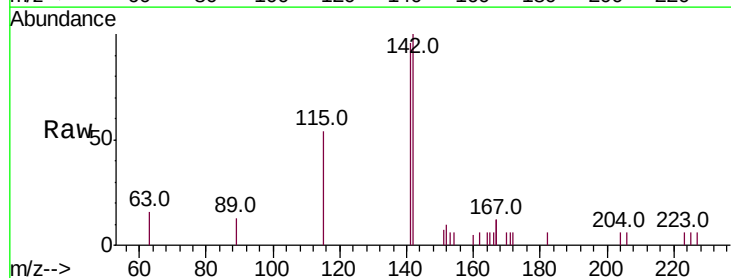
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

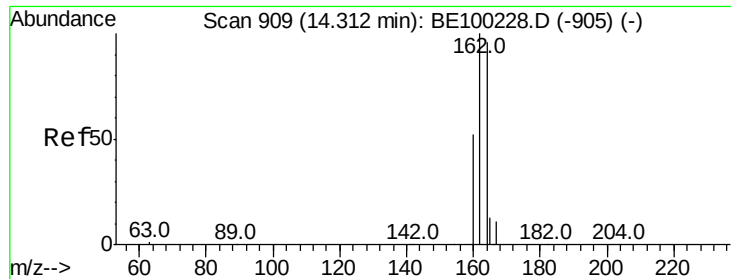
Tot Ion:152 Resp: 1881
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100350.D
Acq: 4 Jul 2019 4:14

Tgt Ion:142 Resp: 1732
Ion Ratio Lower Upper
142 100
141 96.4 72.4 108.6
115 54.0 40.4 60.6

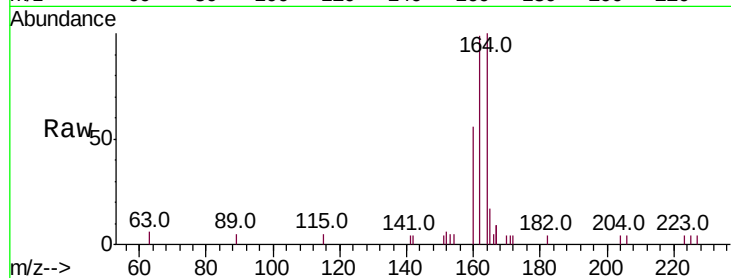




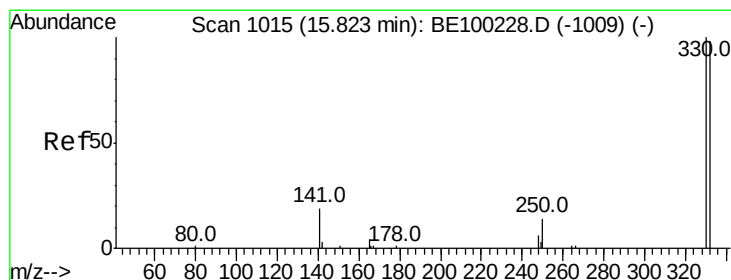
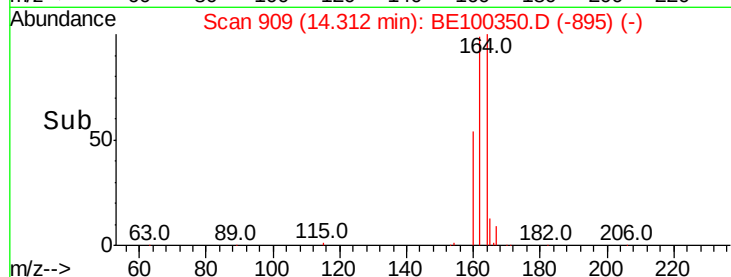
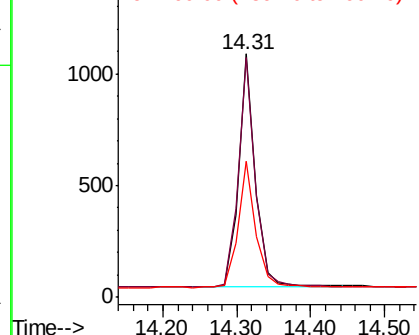
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100350.D
 Acq: 4 Jul 2019 4:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 1665
 Ion Ratio Lower Upper
 164 100
 162 98.6 83.4 125.0
 160 55.7 45.0 67.6

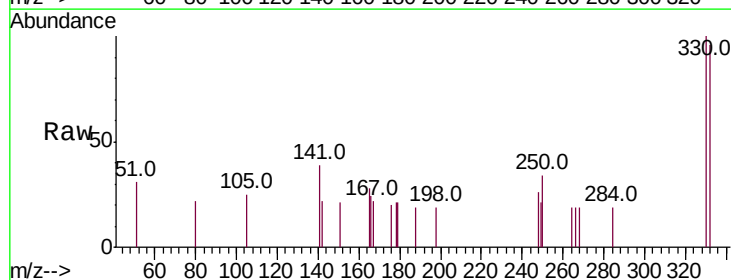


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

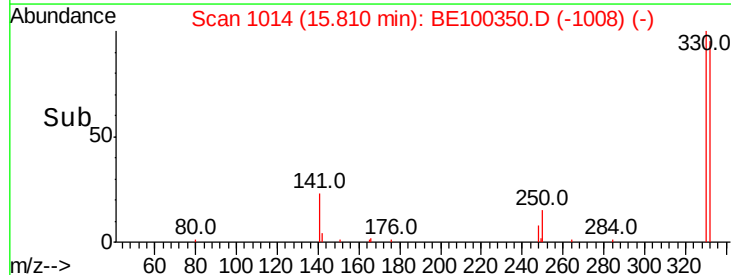
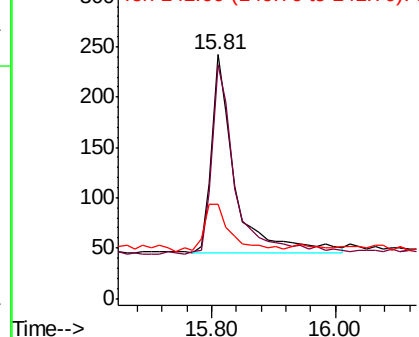


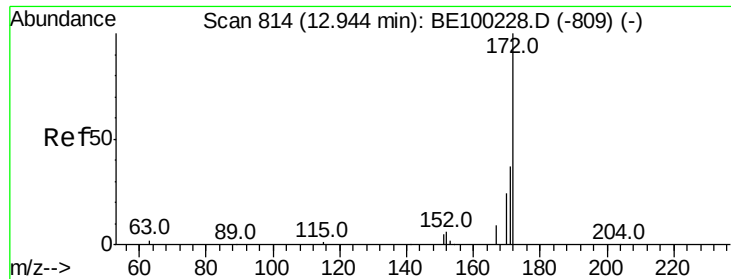
#14
 2,4,6-Tribromophenol
 Concen: 0.447 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100350.D
 Acq: 4 Jul 2019 4:14

Tgt Ion:330 Resp: 521
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.4
 141 25.1 22.0 33.0



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

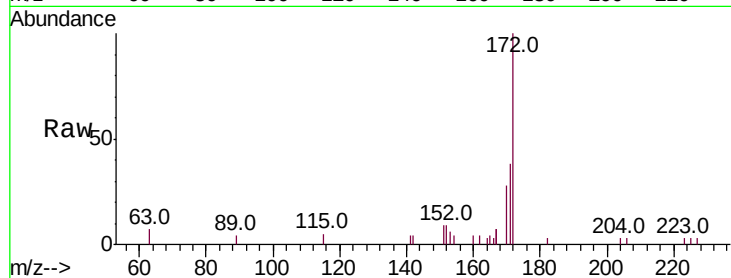




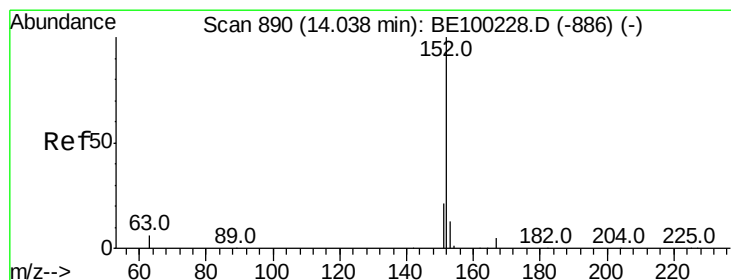
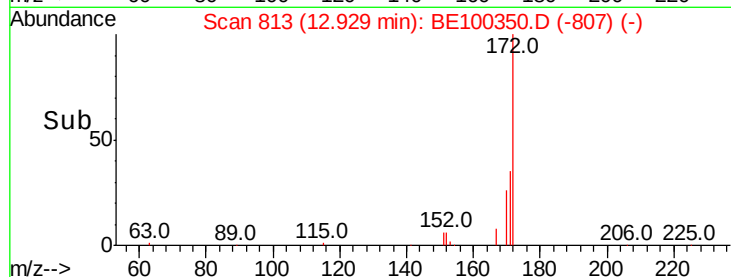
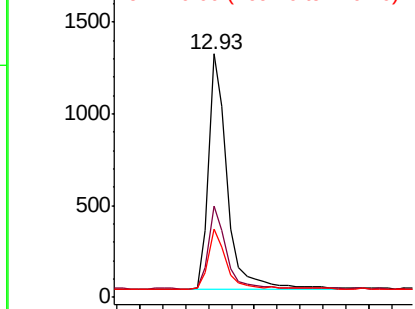
#15
2-Fluorobiphenyl
Concen: 0.447 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100350.D
Acq: 4 Jul 2019 4:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 2901
Ion Ratio Lower Upper
172 100
171 37.7 31.9 47.9
170 28.2 22.2 33.2

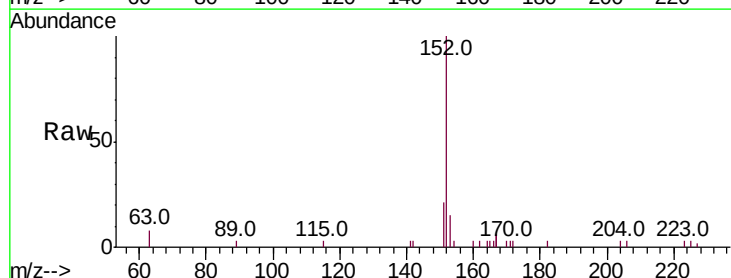


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

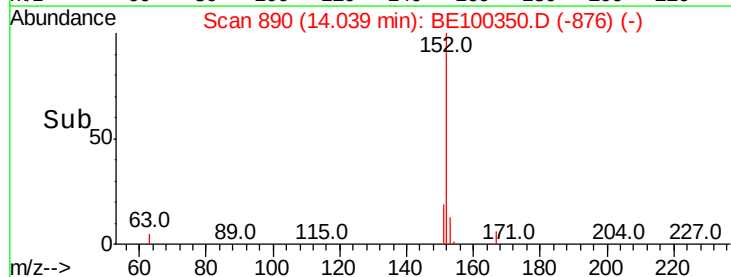
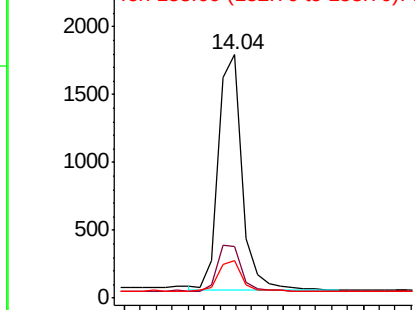


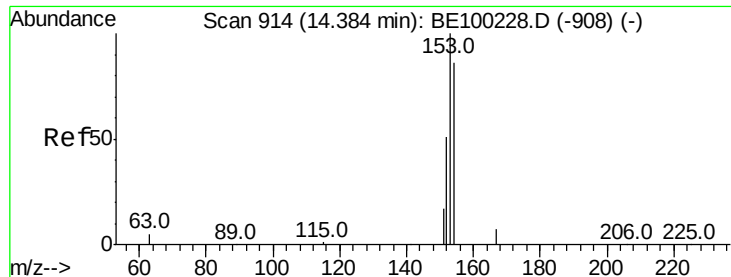
#16
Acenaphthylene
Concen: 0.449 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100350.D
Acq: 4 Jul 2019 4:14

Tgt Ion:152 Resp: 3585
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 12.8 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

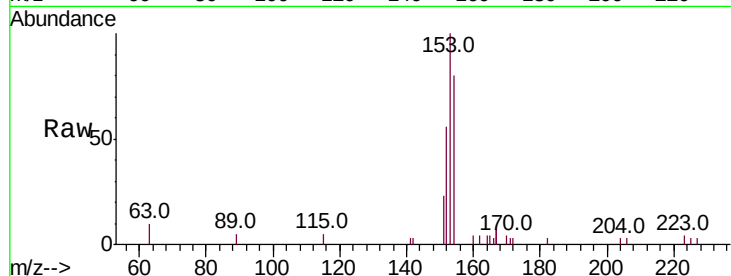




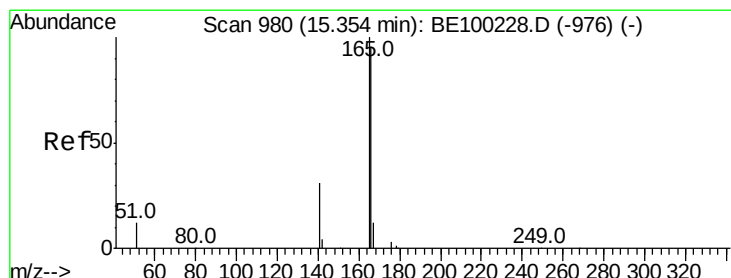
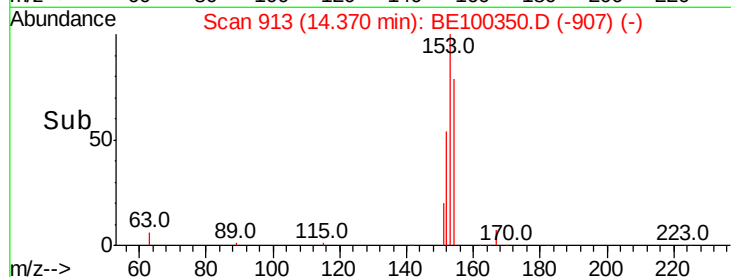
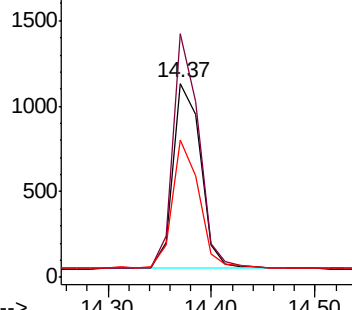
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100350.D
Acq: 4 Jul 2019 4:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 1998
Ion Ratio Lower Upper
154 100
153 118.9 93.4 140.2
152 66.9 49.4 74.2

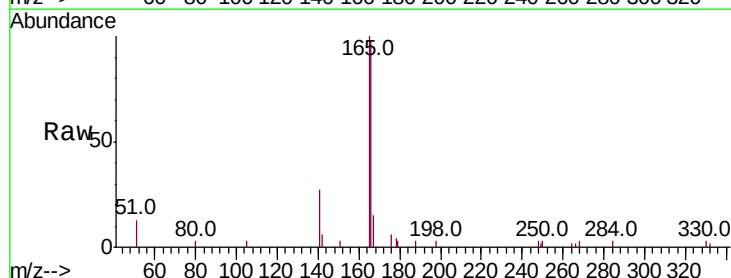


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

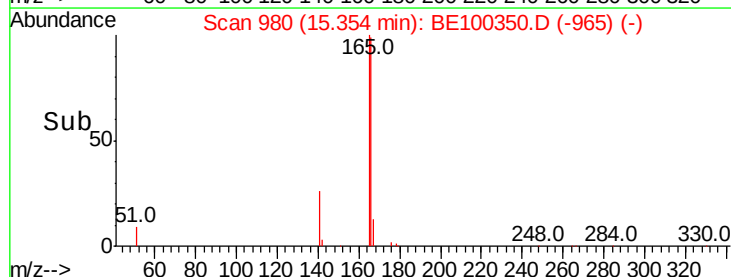
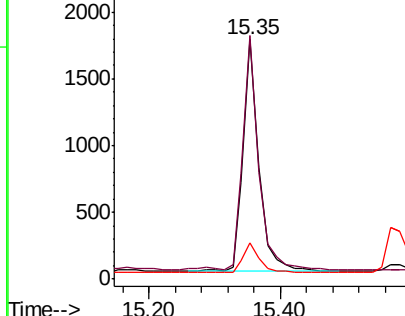


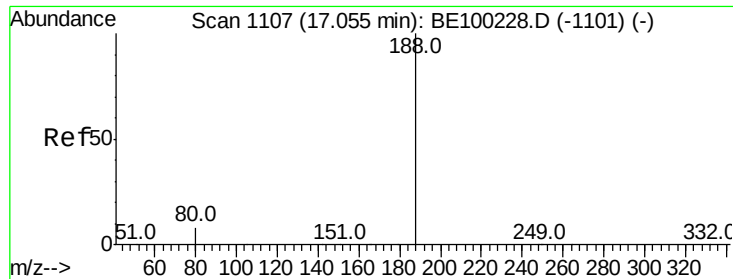
#18
Fluorene
Concen: 0.432 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100350.D
Acq: 4 Jul 2019 4:14

Tgt Ion:166 Resp: 2894
Ion Ratio Lower Upper
166 100
165 101.9 81.1 121.7
167 13.3 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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

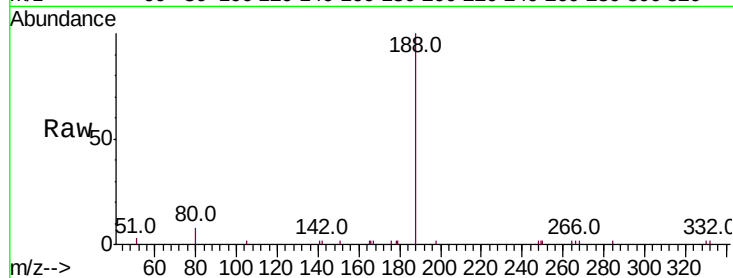
Tot Ion:188 Resp: 4924

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

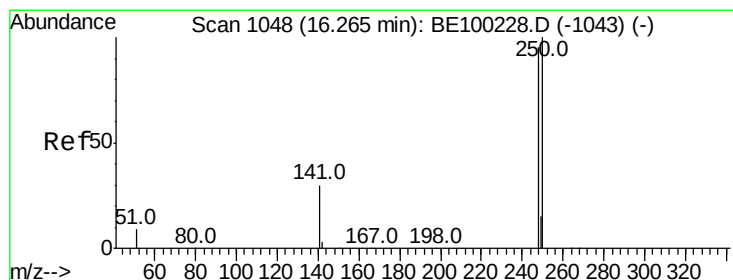
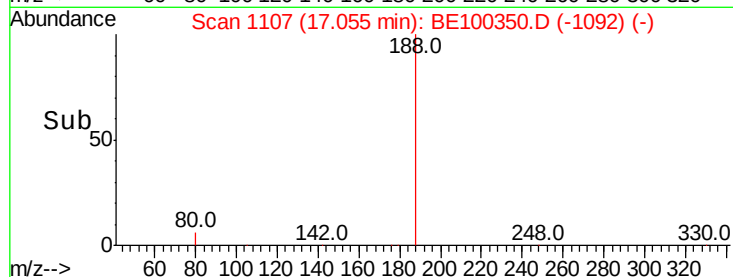
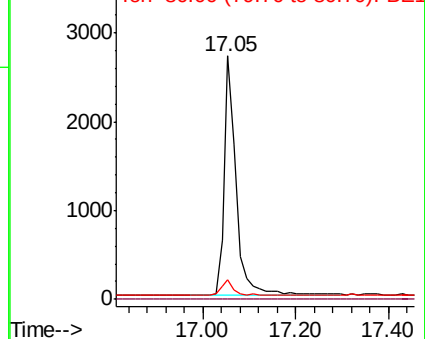
80 7.8 7.6 11.4



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: 0.446 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

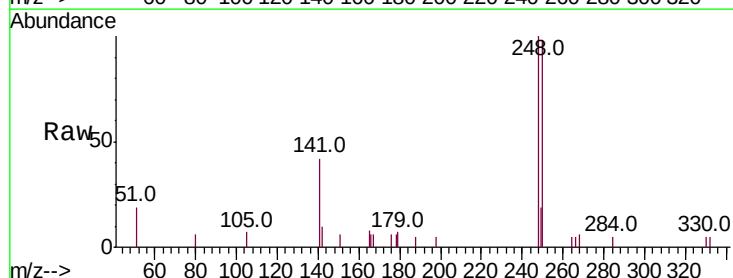
Tgt Ion:248 Resp: 1401

Ion Ratio Lower Upper

248 100

250 98.2 84.2 126.4

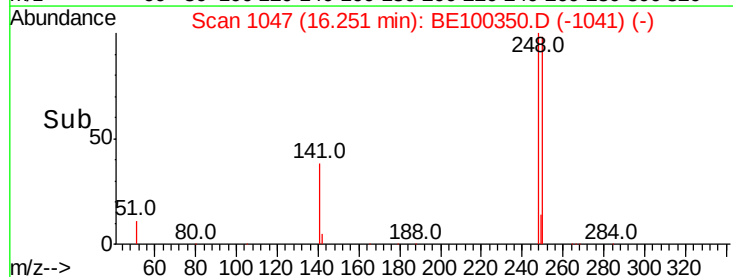
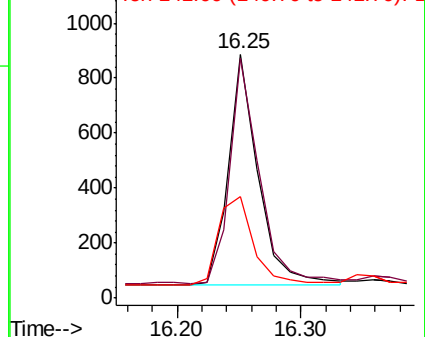
141 41.9 29.3 43.9

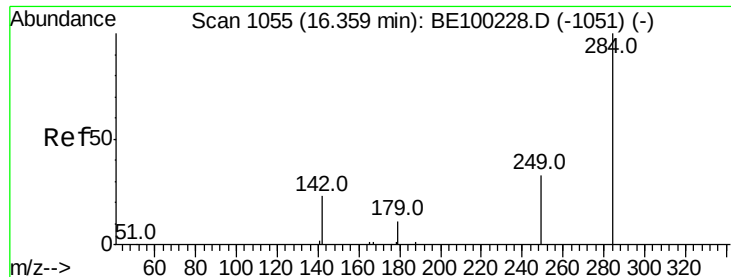


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.467 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

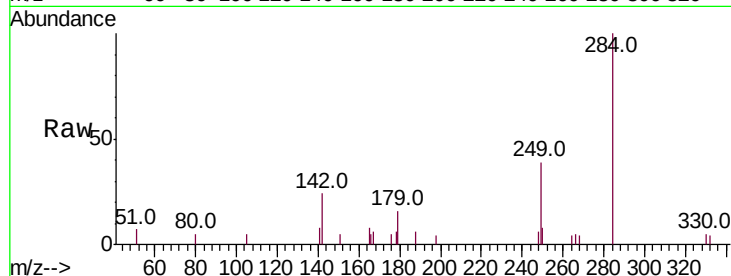
Tot Ion:284 Resp: 1525

Ion Ratio Lower Upper

284 100

142 23.6 18.8 28.2

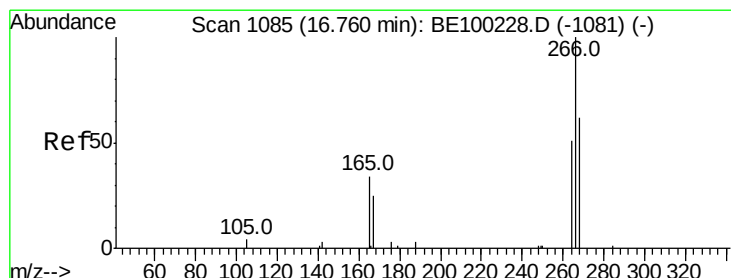
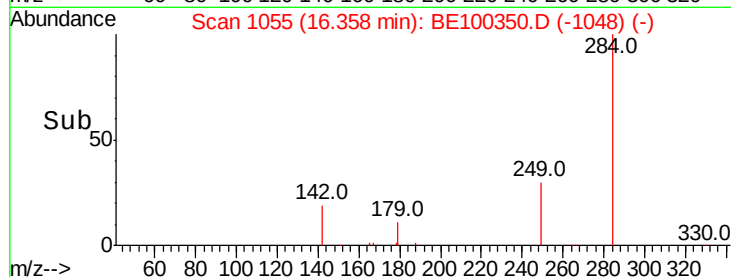
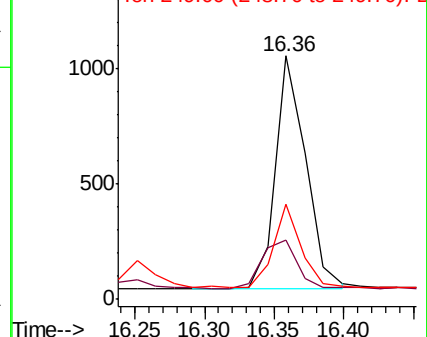
249 32.4 23.7 35.5



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: 0.412 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

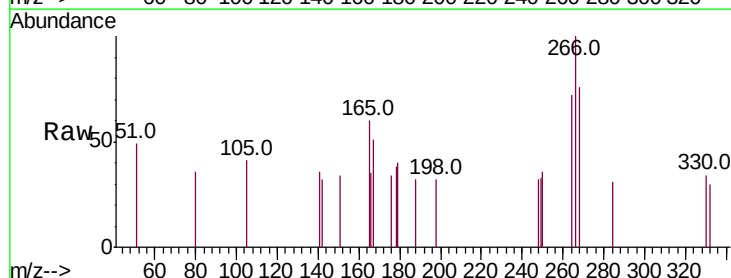
Tgt Ion:266 Resp: 405

Ion Ratio Lower Upper

266 100

264 72.4 56.2 84.2

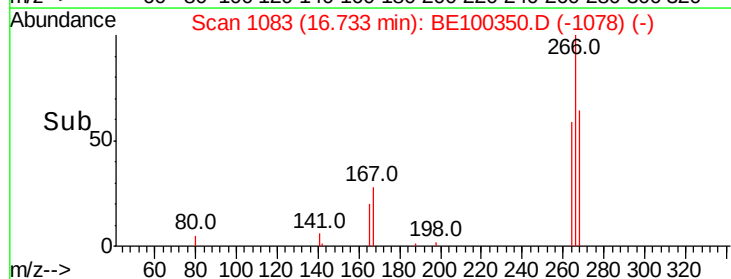
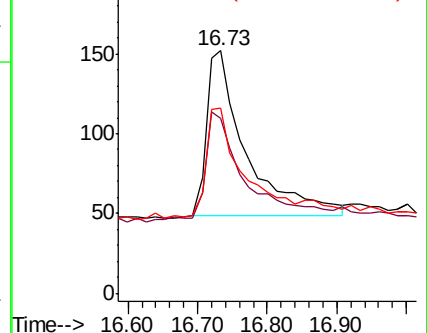
268 76.3 61.8 92.6

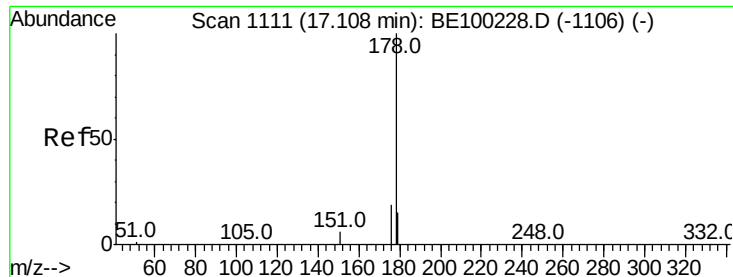


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.428 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

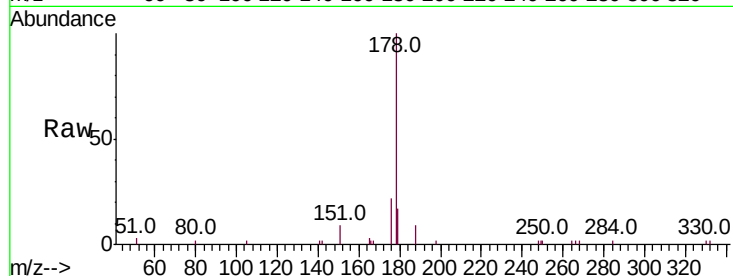
Tot Ion:178 Resp: 5110

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

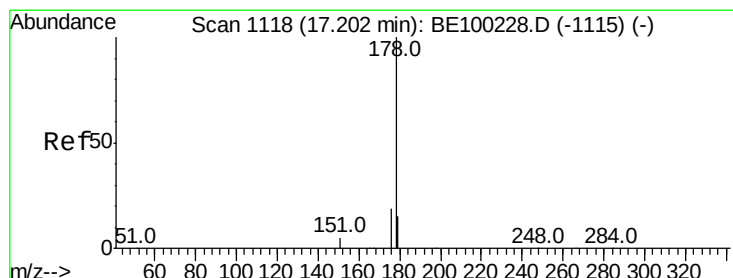
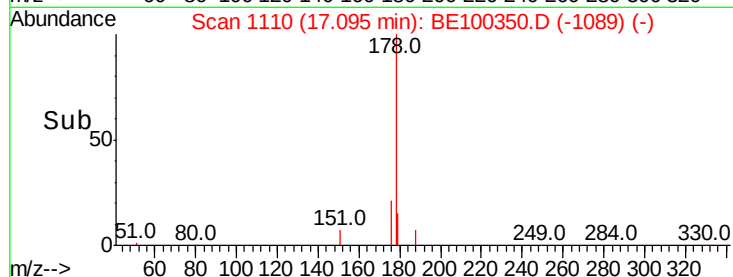
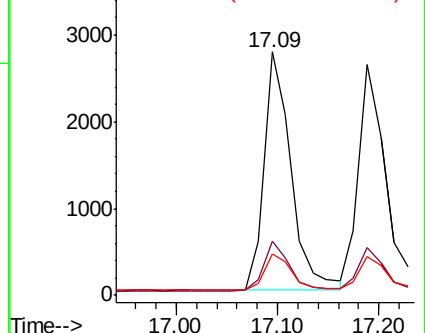
179 15.8 12.2 18.2



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: 0.430 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

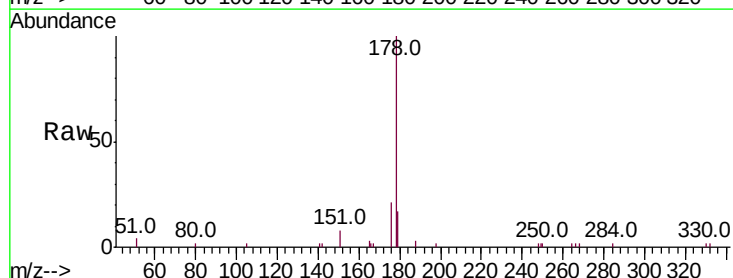
Tgt Ion:178 Resp: 4618

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

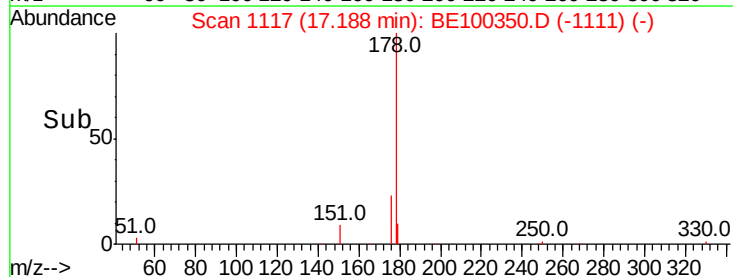
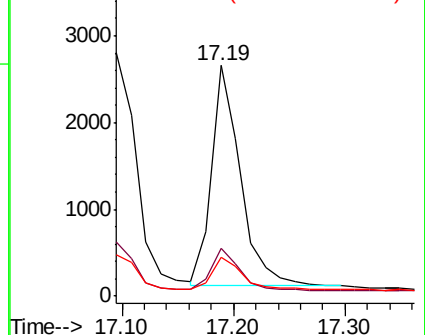
179 14.7 12.2 18.2

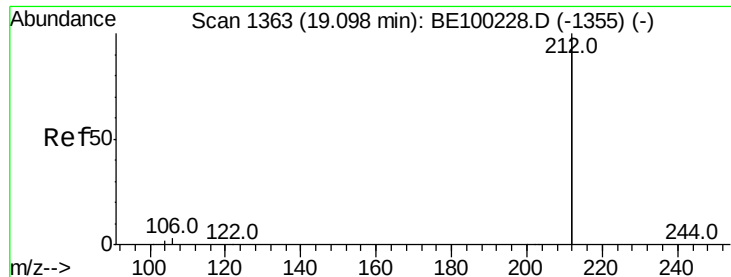


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.414 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

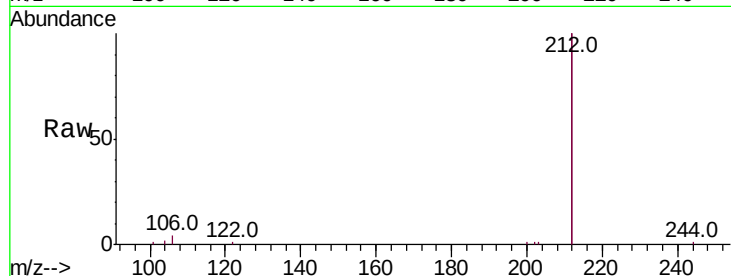
Tot Ion:212 Resp: 29573

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

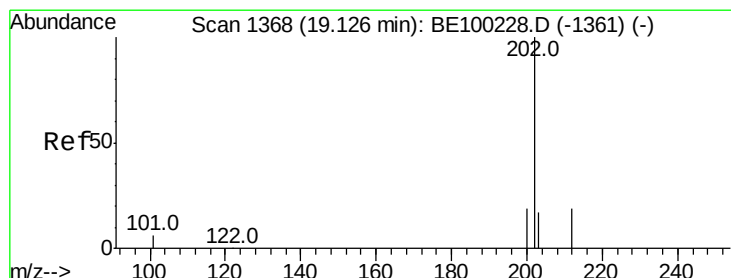
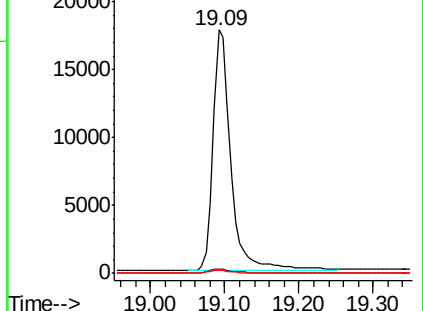
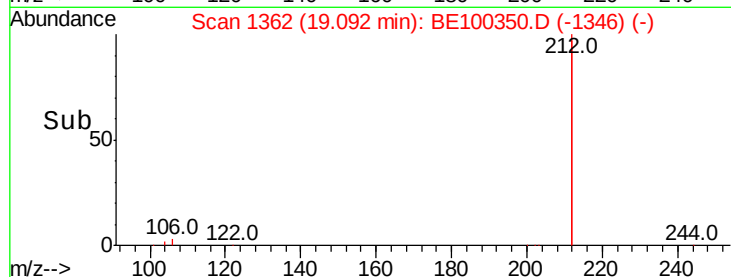
104 0.9 0.8 1.2



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: 0.429 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

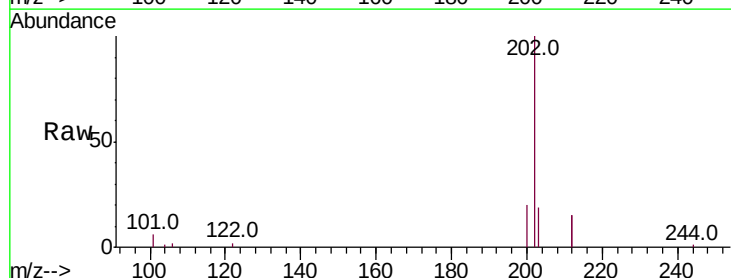
Tgt Ion:202 Resp: 8164

Ion Ratio Lower Upper

202 100

101 5.3 4.6 7.0

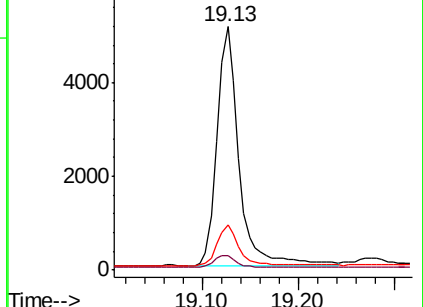
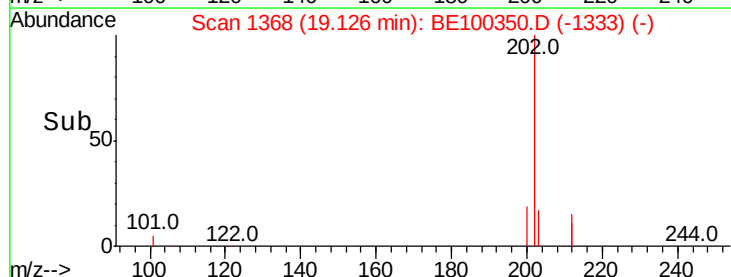
203 17.0 13.7 20.5

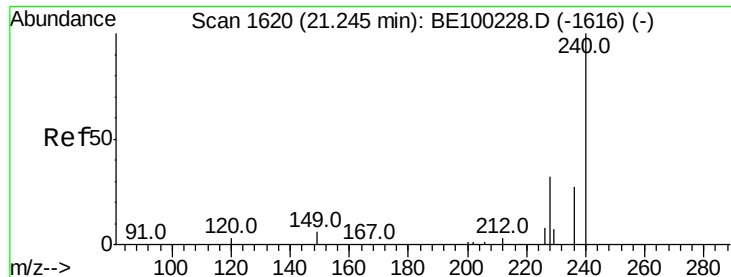


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

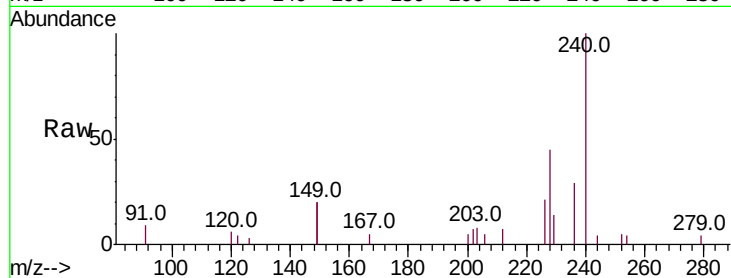




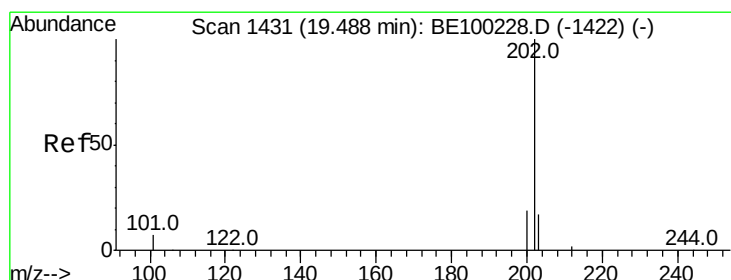
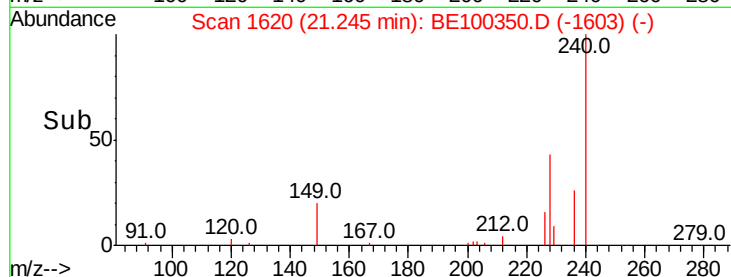
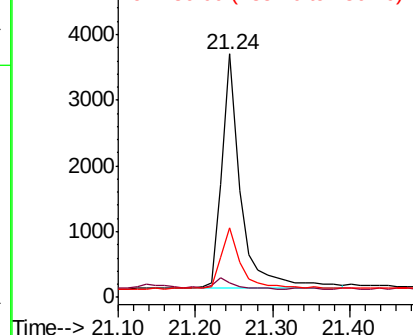
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100350.D
 Acq: 4 Jul 2019 4:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:240 Resp: 6166
 Ion Ratio Lower Upper
 240 100
 120 6.2 3.3 4.9#
 236 28.8 22.6 34.0

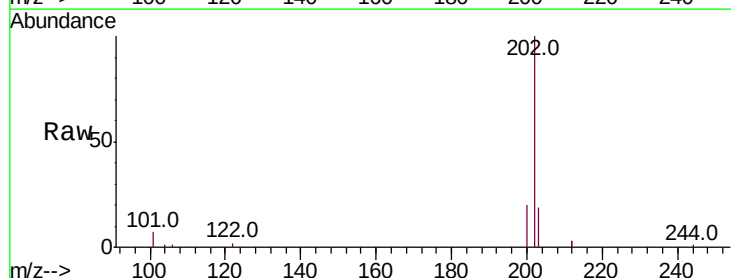


Abundance Ion 240.00 (239.70 to 240.70): E
 5000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

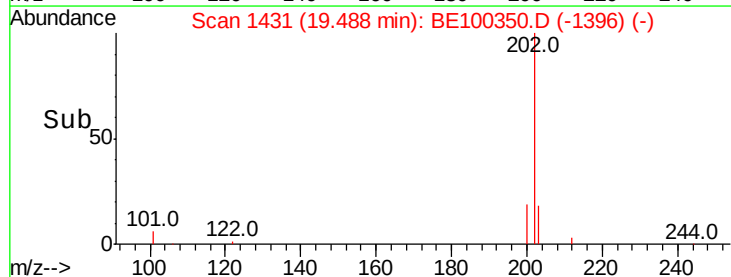
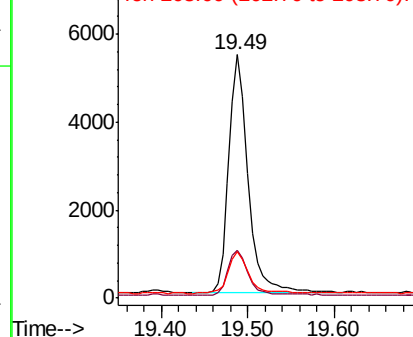


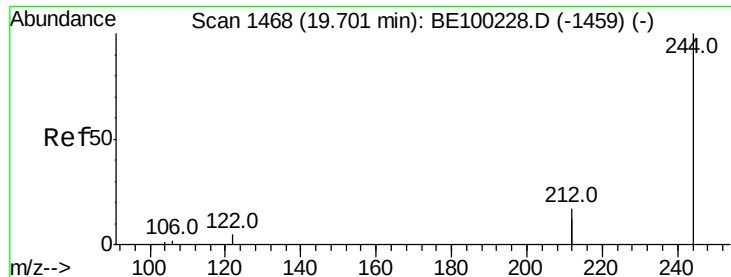
#28
 Pyrene
 Concen: 0.518 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BE100350.D
 Acq: 4 Jul 2019 4:14

Tgt Ion:202 Resp: 8464
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 18.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.508 ng

RT: 19.69 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

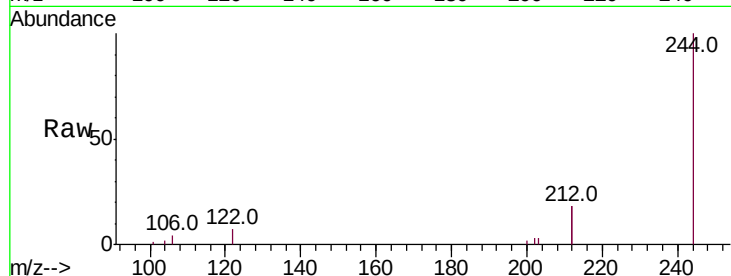
Tot Ion:244 Resp: 6487

Ion Ratio Lower Upper

244 100

212 35.5 27.3 40.9

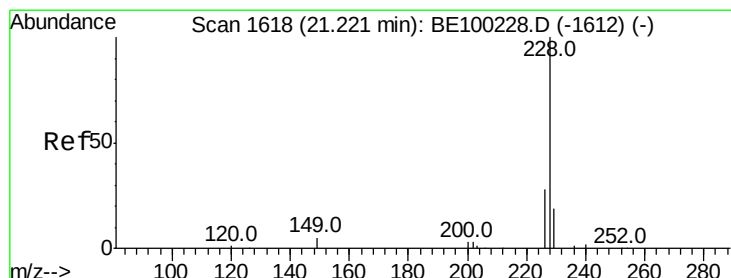
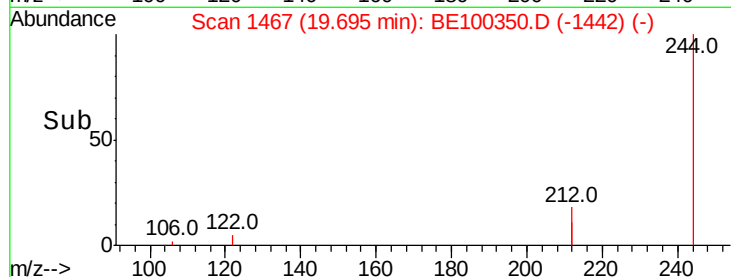
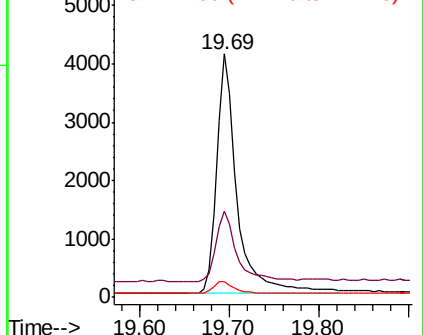
122 6.6 4.7 7.1



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: 0.451 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

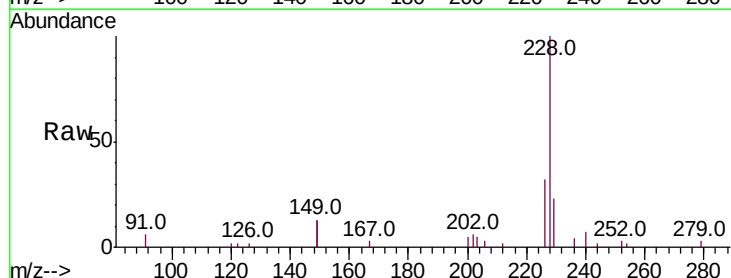
Tgt Ion:228 Resp: 9144

Ion Ratio Lower Upper

228 100

226 31.9 23.2 34.8

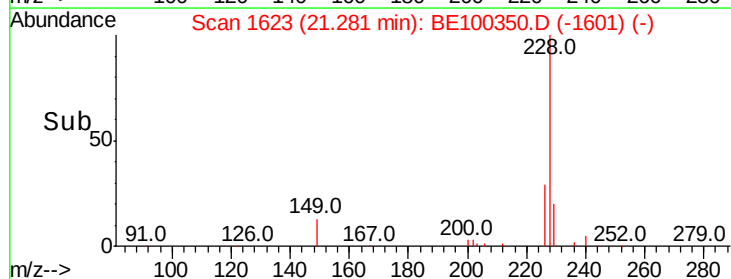
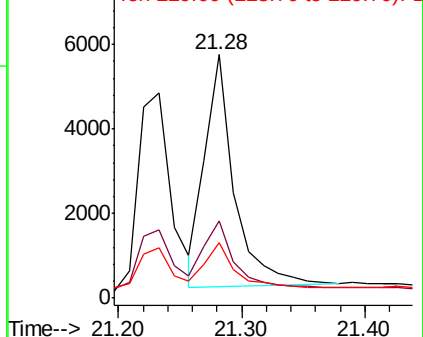
229 22.7 15.7 23.5

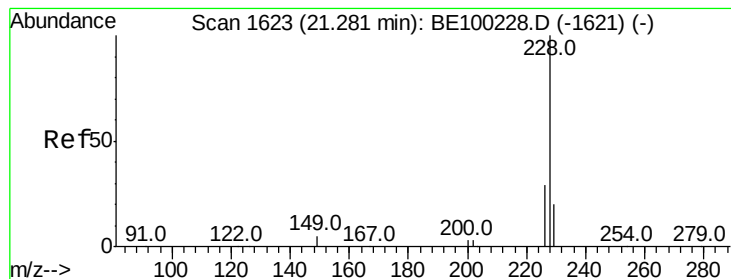


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

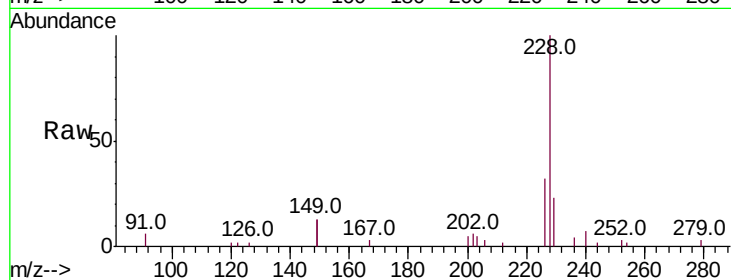
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 8767

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.9	35.9
229	22.7	16.5	24.7

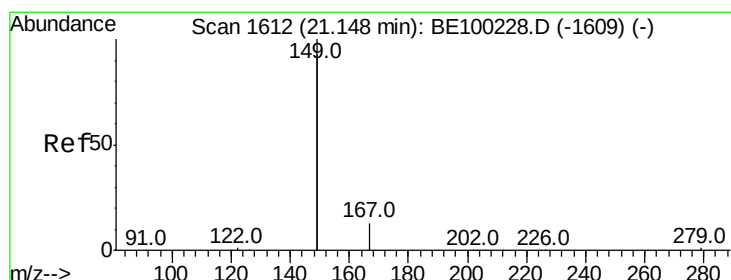
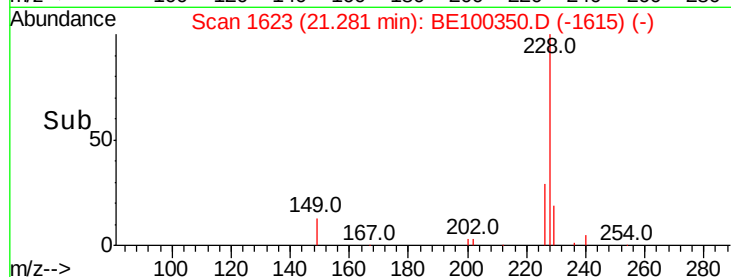
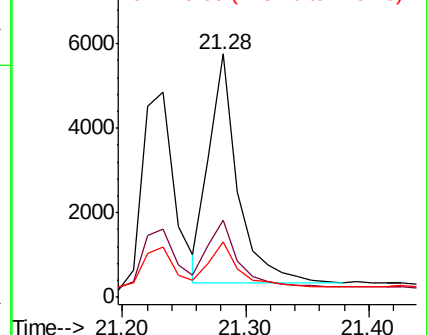


Abundance

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: 0.527 ng

RT: 21.15 min Scan# 1612

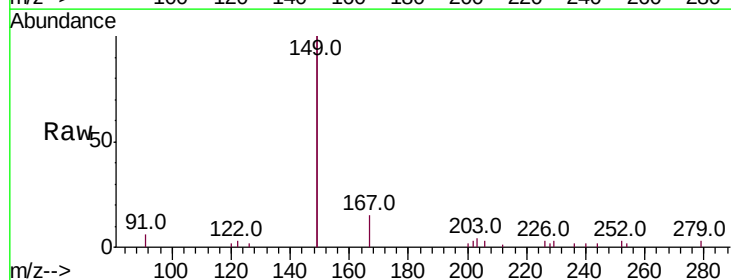
Delta R.T. 0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Tgt Ion:149 Resp: 16742

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.8	8.8
279	1.7	1.1	1.7#

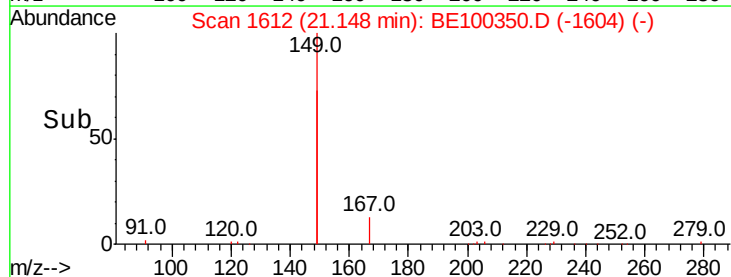
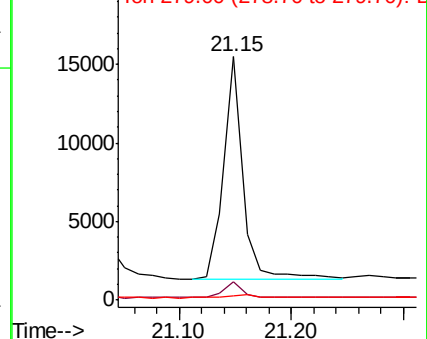


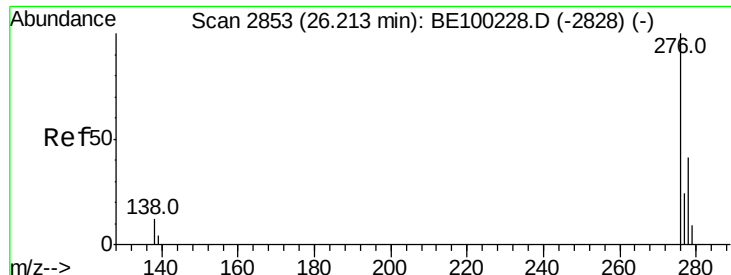
Abundance

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: 0.396 ng

RT: 26.22 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

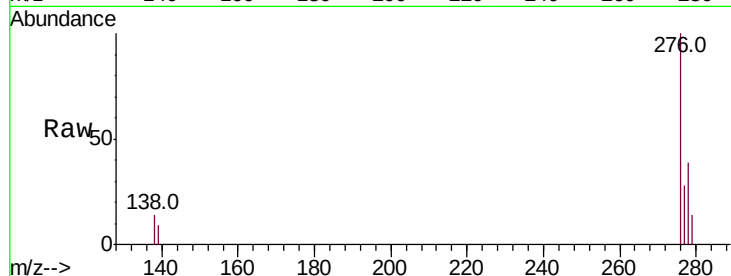
Tot Ion:276 Resp: 10656

Ion Ratio Lower Upper

276 100

138 4.4 9.4 14.0#

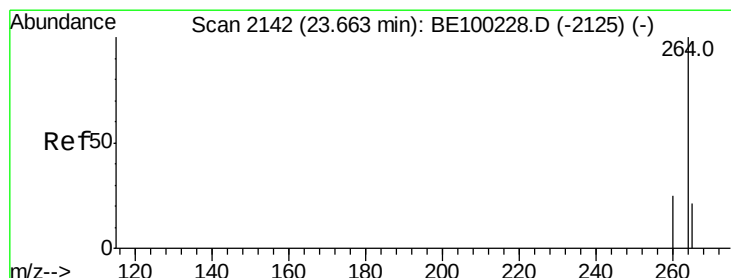
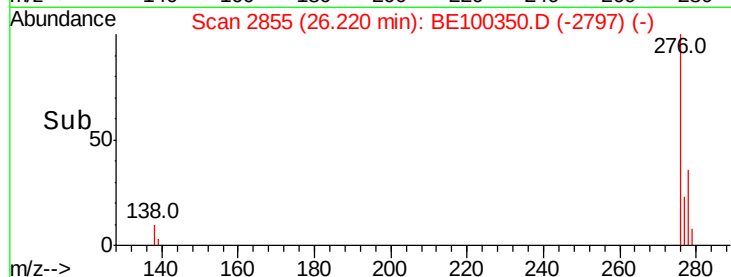
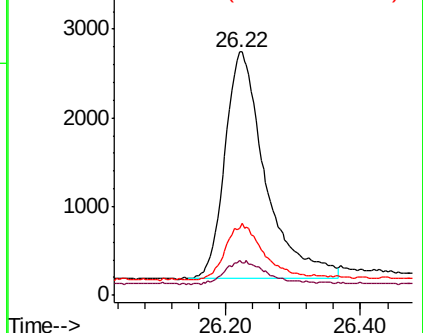
277 23.5 19.2 28.8



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: 23.67 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

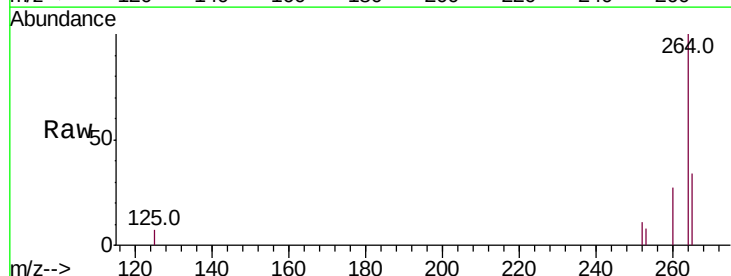
Tgt Ion:264 Resp: 7108

Ion Ratio Lower Upper

264 100

260 27.5 20.8 31.2

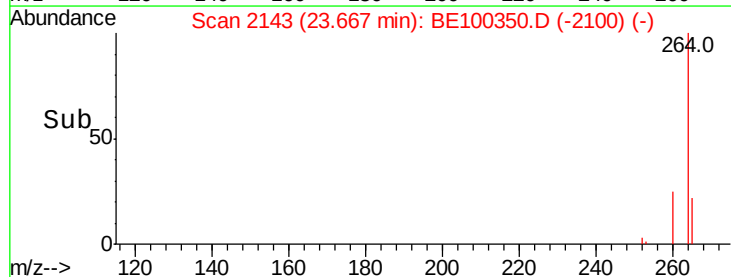
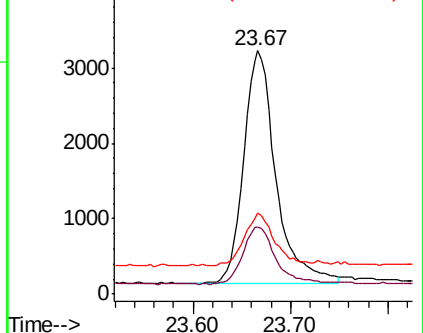
265 33.5 21.8 32.6#

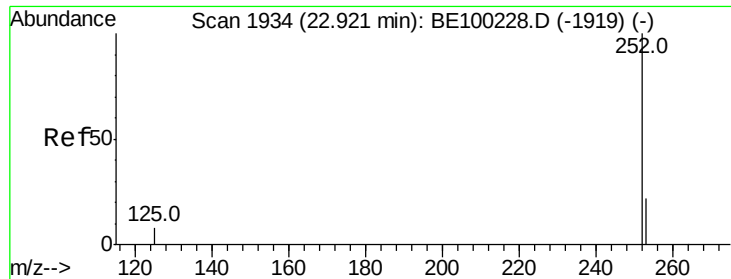


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.442 ng

RT: 22.92 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

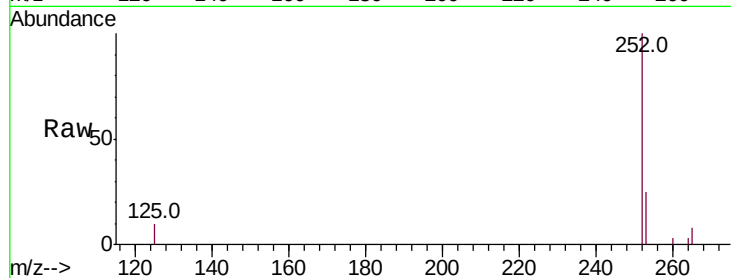
Tot Ion:252 Resp: 8520

Ion Ratio Lower Upper

252 100

253 25.4 19.2 28.8

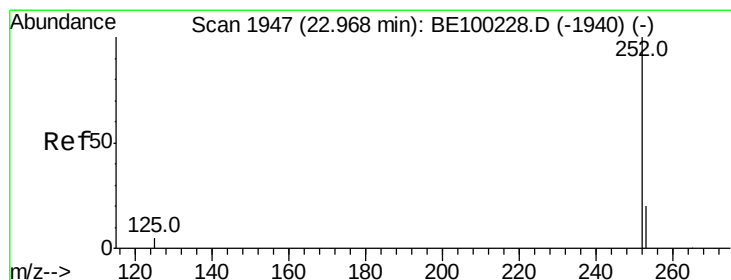
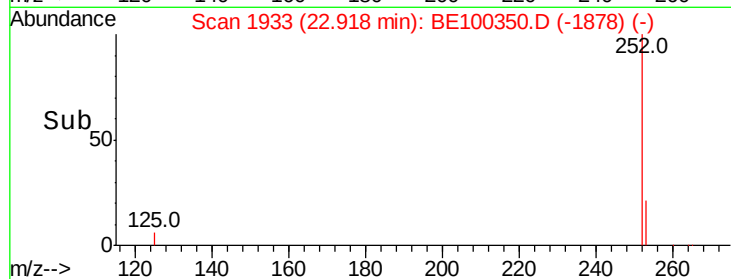
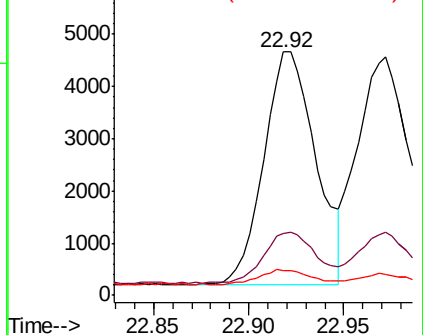
125 10.3 7.4 11.0



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: 0.424 ng

RT: 22.97 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

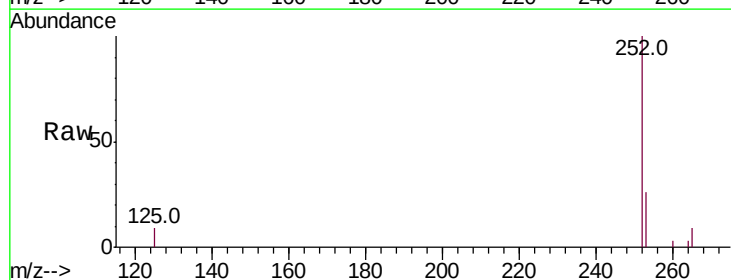
Tgt Ion:252 Resp: 9131

Ion Ratio Lower Upper

252 100

253 26.3 17.9 26.9

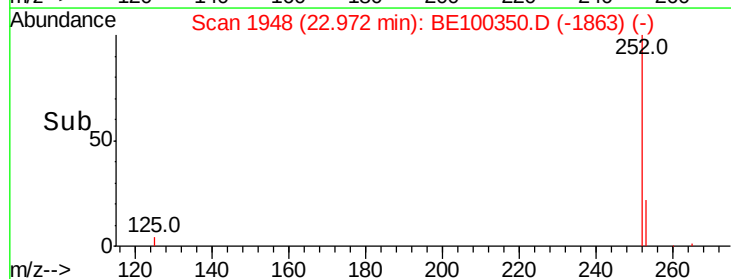
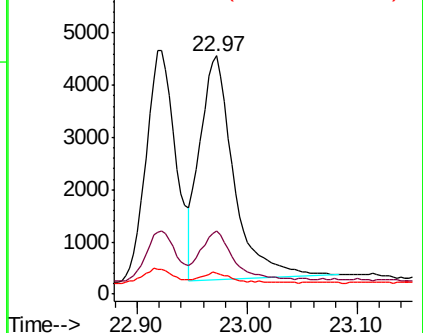
125 8.8 5.0 7.4#

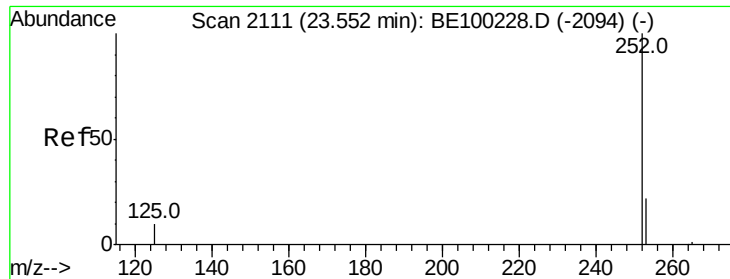


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.428 ng

RT: 23.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

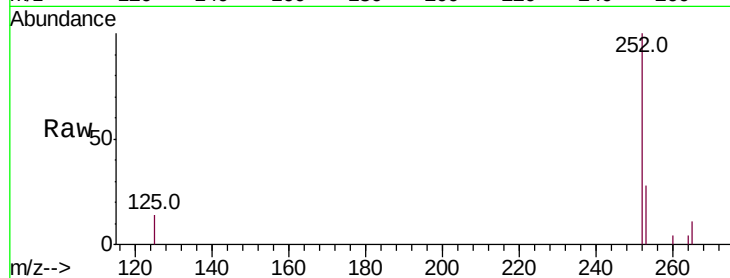
Tot Ion:252 Resp: 8268

Ion Ratio Lower Upper

252 100

253 28.1 19.6 29.4

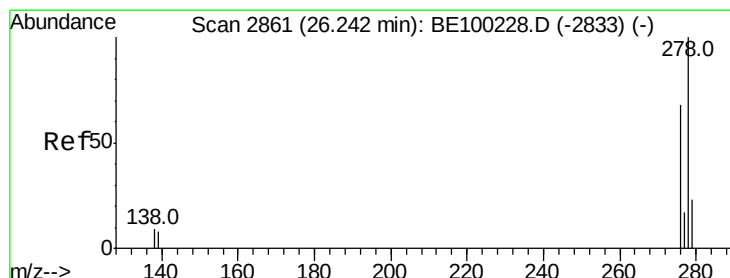
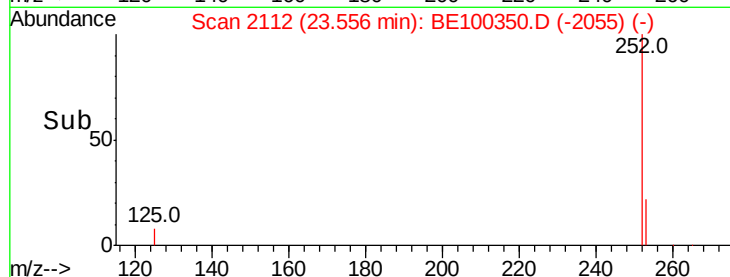
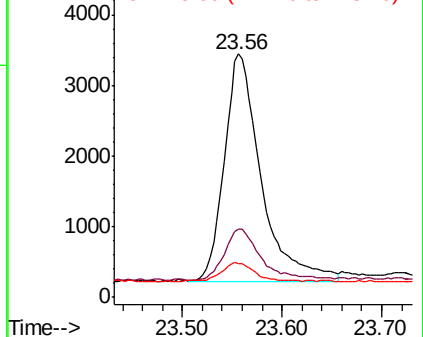
125 14.1 9.0 13.6#



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: 0.419 ng

RT: 26.24 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

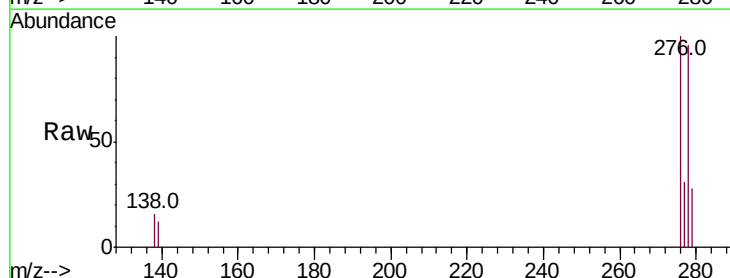
Tgt Ion:278 Resp: 8460

Ion Ratio Lower Upper

278 100

139 12.9 8.2 12.2#

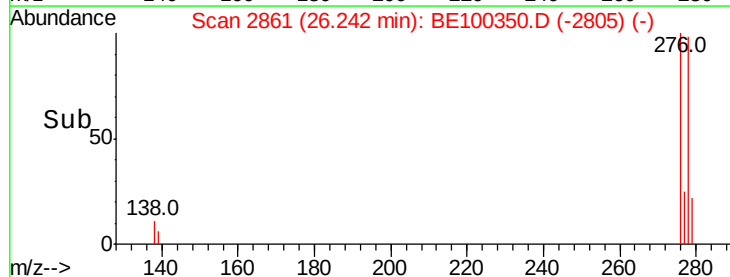
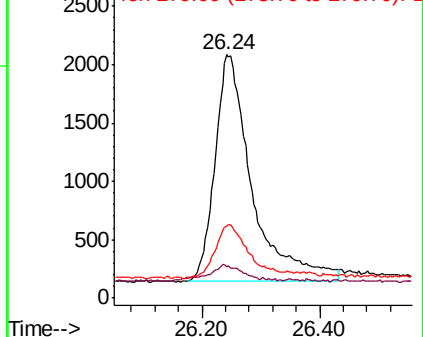
279 29.7 20.3 30.5

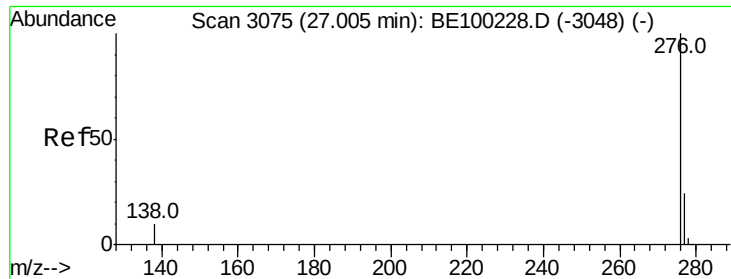


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.443 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100350.D

Acq: 4 Jul 2019 4:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

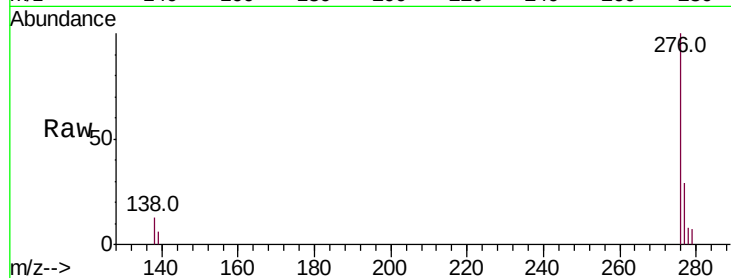
Tot Ion:276 Resp: 9173

Ion Ratio Lower Upper

276 100

277 29.1 20.2 30.2

138 13.3 9.0 13.6



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

