

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\
 Data File : BE100291.D
 Acq On : 2 Jul 2019 7:45
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 02 08:28:53 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	7.64	152	1983	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	9720	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	7443	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	20348	0.40	ng	0.01
27) Chrysene-d12	21.25	240	24798	0.40	ng	0.00
34) Perylene-d12	23.68	264	29936	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	2008	0.40	ng	0.01
5) Phenol-d6	6.82	99	3483	0.52	ng	-0.01
8) Nitrobenzene-d5	8.81	82	4337	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7780	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2344	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	11914	0.41	ng	-0.01
25) Fluoranthene-d10	19.10	212	116665	0.40	ng	0.00
29) Terphenyl-d14	19.70	244	24501	0.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	767	0.249	ng	97
3) n-Nitrosodimethylamine	3.45	42	726	0.506	ng	# 87
6) bis(2-Chloroethyl)ether	7.08	93	3208	0.587	ng	# 70
9) Naphthalene	10.49	128	43568	0.406	ng	# 97
10) Hexachlorobutadiene	10.76	225	4139	0.401	ng	97
12) 2-Methylnaphthalene	12.12	142	7591	0.404	ng	96
16) Acenaphthylene	14.04	152	14378	0.403	ng	99
17) Acenaphthene	14.39	154	8404	0.415	ng	98
18) Fluorene	15.35	166	11824	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	5670	0.437	ng	# 81
21) Hexachlorobenzene	16.37	284	5750	0.426	ng	97
22) Pentachlorophenol	16.73	266	2026	0.499	ng	89
23) Phenanthrene	17.11	178	20792	0.422	ng	100
24) Anthracene	17.20	178	20455	0.461	ng	100
26) Fluoranthene	19.13	202	30521	0.389	ng	100
28) Pyrene	19.49	202	31534	0.480	ng	100
30) Benzo(a)anthracene	21.23	228	36291	0.445	ng	97
31) Chrysene	21.28	228	35616	0.435	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	56643	0.434	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	39983	0.369	ng	99
35) Benzo(b)fluoranthene	22.93	252	34762	0.428	ng	99
36) Benzo(k)fluoranthene	22.98	252	36100	0.398	ng	99
37) Benzo(a)pyrene	23.57	252	34232	0.421	ng	98
38) Dibenzo(a,h)anthracene	26.27	278	33733	0.397	ng	99
39) Benzo(g,h,i)perylene	27.03	276	30535	0.350	ng	99

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

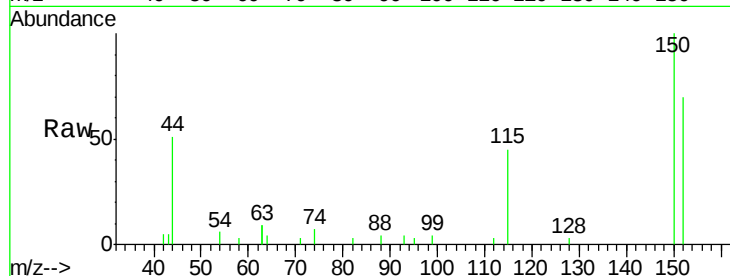


#1

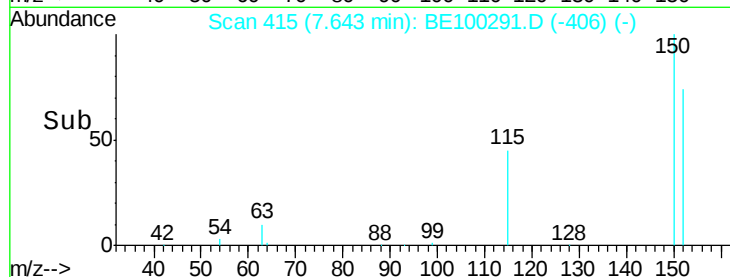
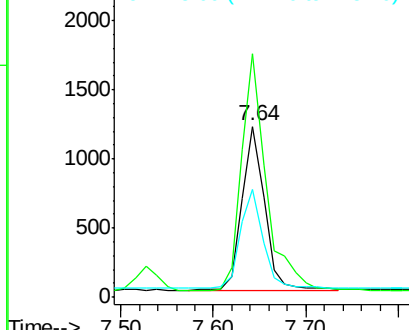
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1983
Ion Ratio Lower Upper
152 100
150 142.2 114.5 171.7
115 63.3 57.1 85.7



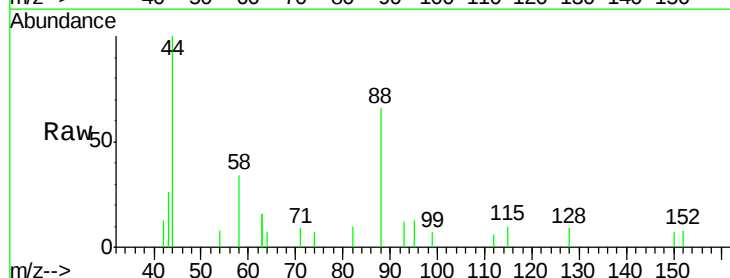
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



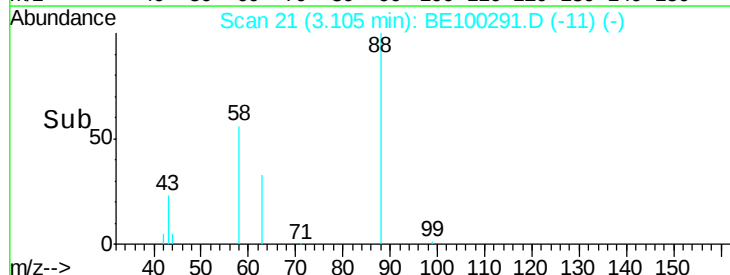
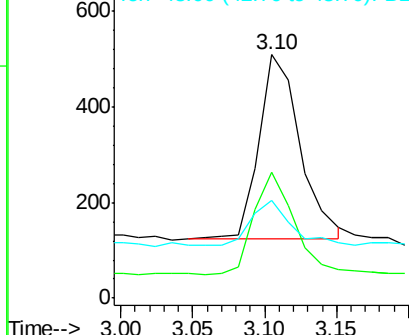
#2

1,4-Dioxane
Concen: 0.249 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Tgt Ion: 88 Resp: 767
Ion Ratio Lower Upper
88 100
58 54.2 43.6 65.4
43 22.7 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: 0.506 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

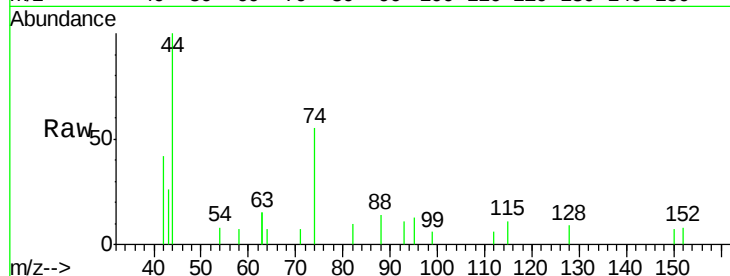
Tot Ion: 42 Resp: 726

Ion Ratio Lower Upper

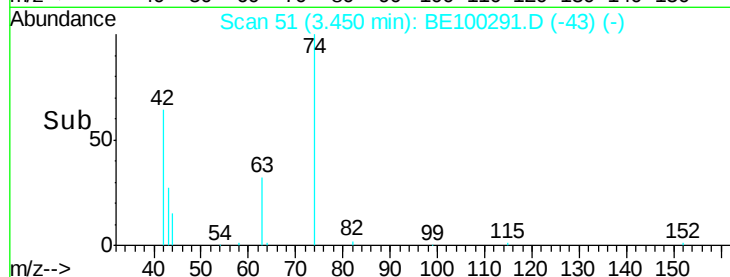
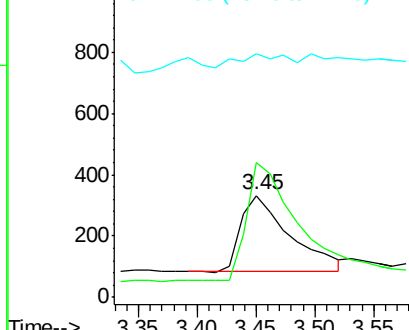
42 100

74 157.3 130.6 196.0

44 18.3 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: 0.397 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

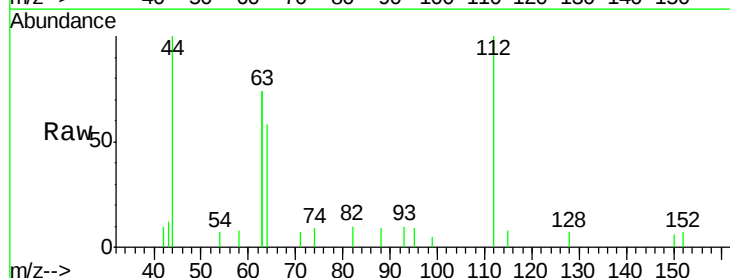
Tgt Ion: 112 Resp: 2008

Ion Ratio Lower Upper

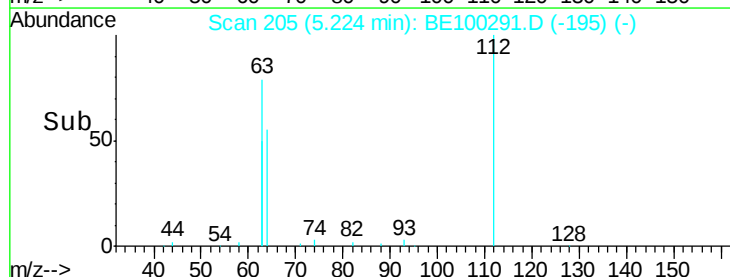
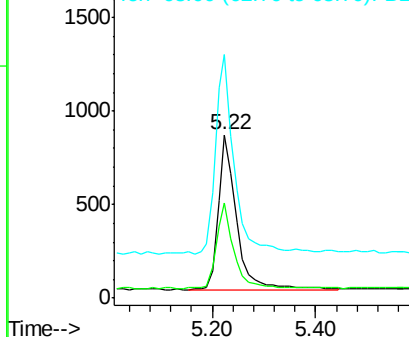
112 100

64 53.3 39.4 59.0

63 130.7 104.5 156.7



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: 0.524 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

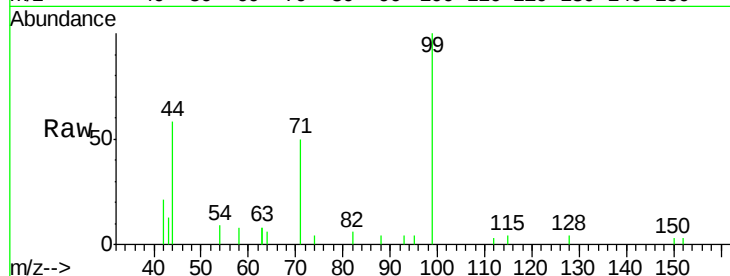
Tot Ion: 99 Resp: 3483

Ion Ratio Lower Upper

99 100

42 16.3 11.2 16.8

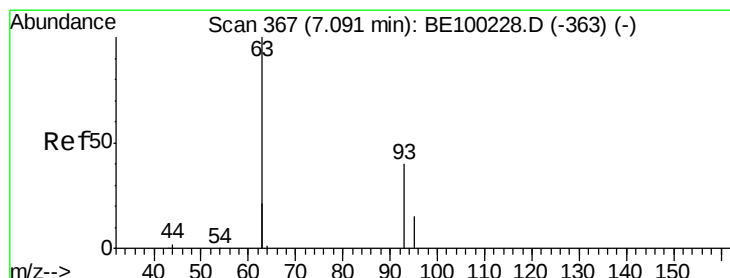
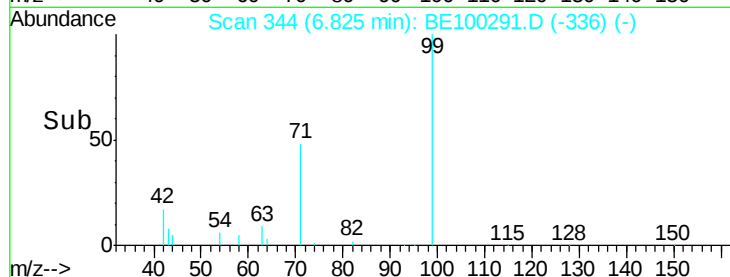
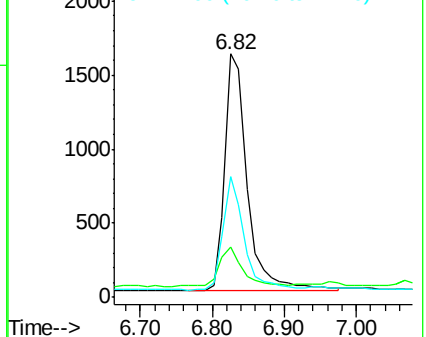
71 44.9 37.2 55.8



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: 0.587 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

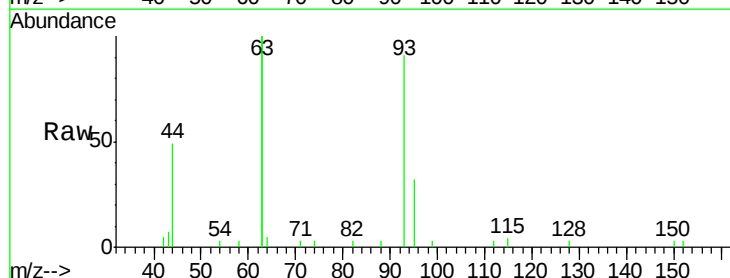
Tgt Ion: 93 Resp: 3208

Ion Ratio Lower Upper

93 100

63 243.8 155.6 233.4#

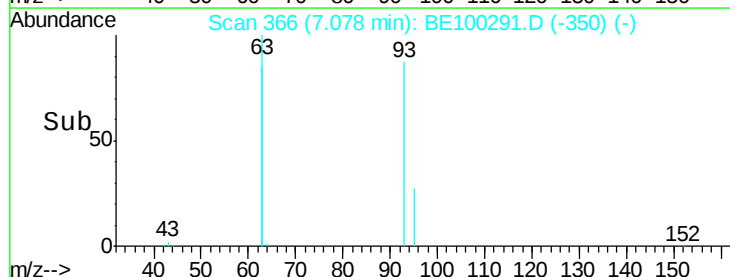
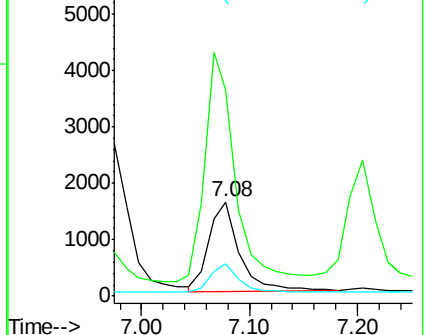
95 32.0 23.0 34.4



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: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9720

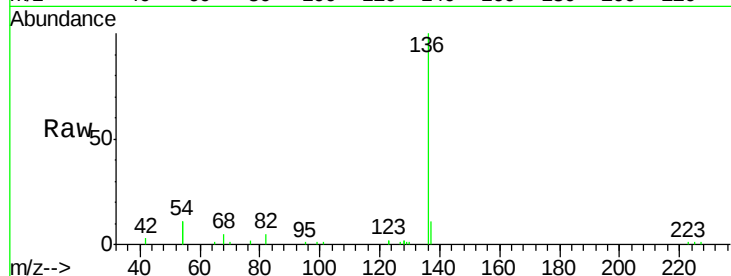
Ion Ratio Lower Upper

136 100

137 11.1 11.8 17.8#

54 22.7 27.7 41.5#

68 5.4 6.8 10.2#

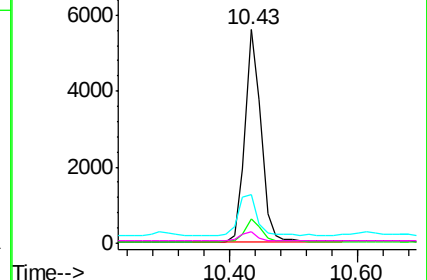
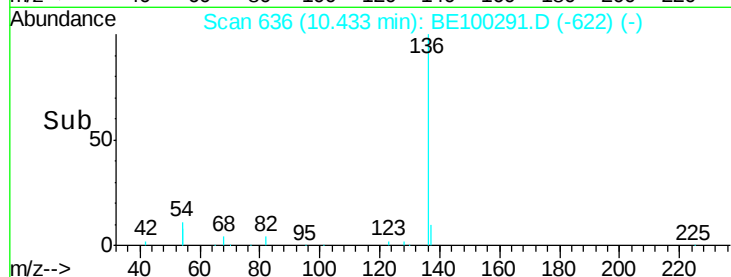


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.449 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

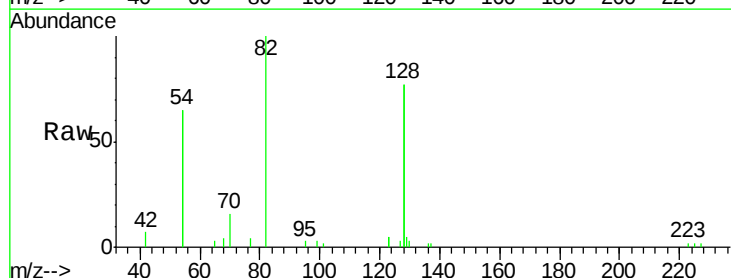
Tgt Ion: 82 Resp: 4337

Ion Ratio Lower Upper

82 100

128 154.2 140.9 211.3

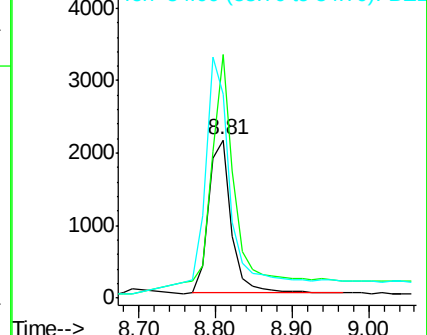
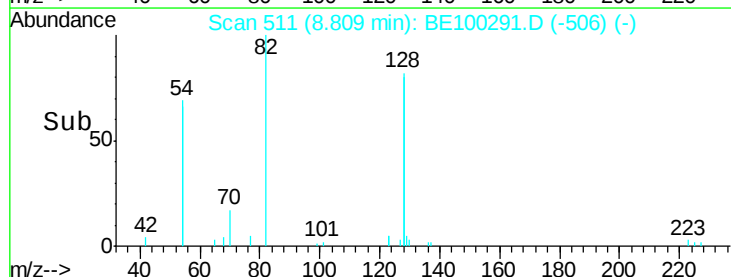
54 129.3 146.2 219.2#



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: 0.406 ng

RT: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

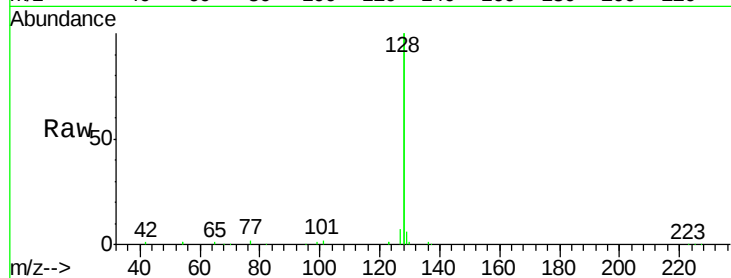
Tot Ion:128 Resp: 43568

Ion Ratio Lower Upper

128 100

129 2.9 3.0 4.6#

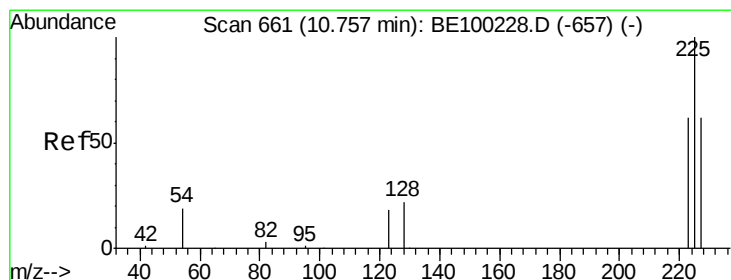
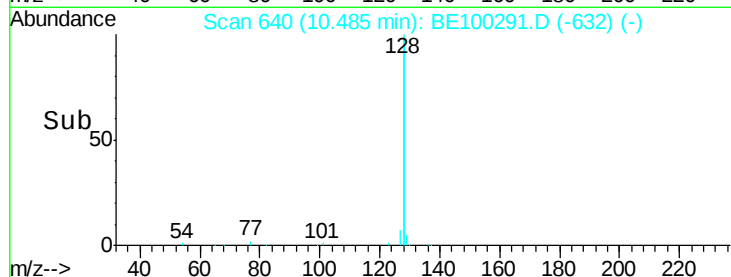
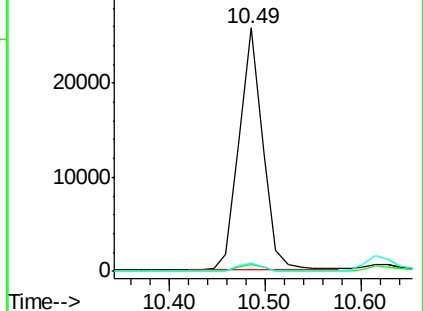
127 3.4 3.5 5.3#



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: 0.401 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

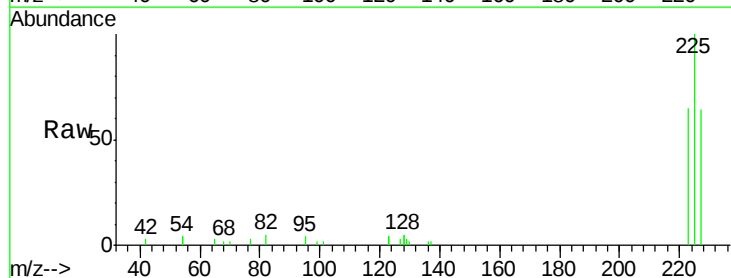
Tgt Ion:225 Resp: 4139

Ion Ratio Lower Upper

225 100

223 62.9 49.1 73.7

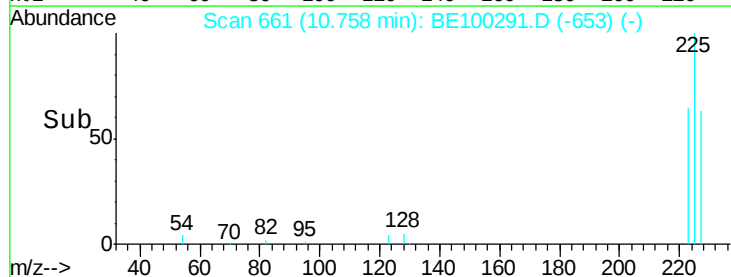
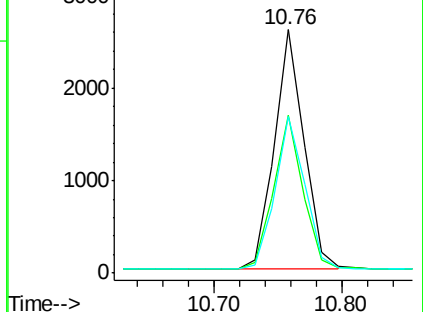
227 64.2 49.3 73.9

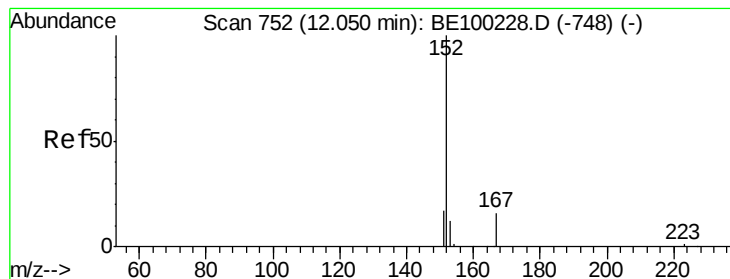


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

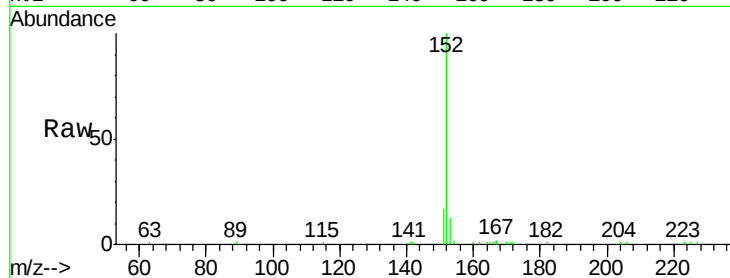
SSTDCCC0.4EC

Tot Ion:152 Resp: 7780

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

4000

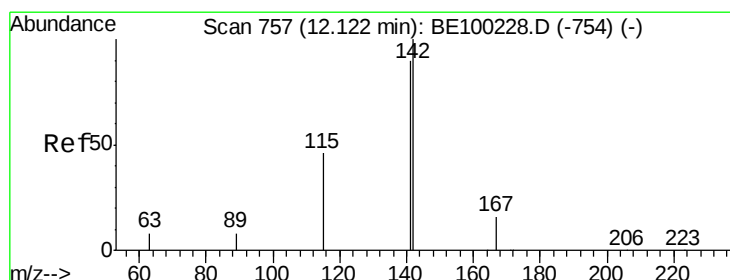
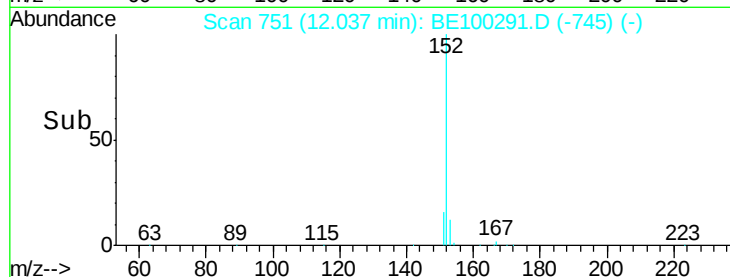
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

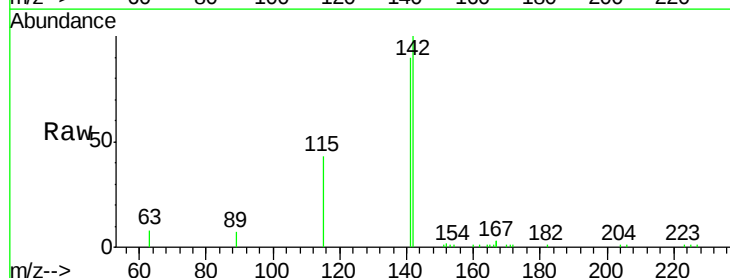
Tgt Ion:142 Resp: 7591

Ion Ratio Lower Upper

142 100

141 89.9 72.4 108.6

115 43.2 40.4 60.6



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

12.12

5000

4000

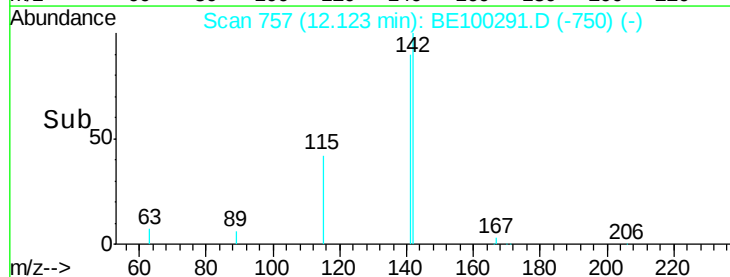
3000

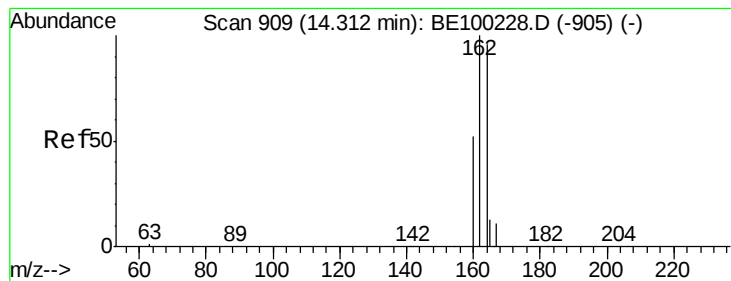
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

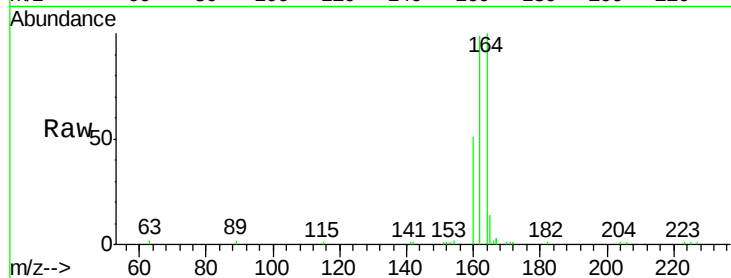
Tot Ion:164 Resp: 7443

Ion Ratio Lower Upper

164 100

162 99.5 83.4 125.0

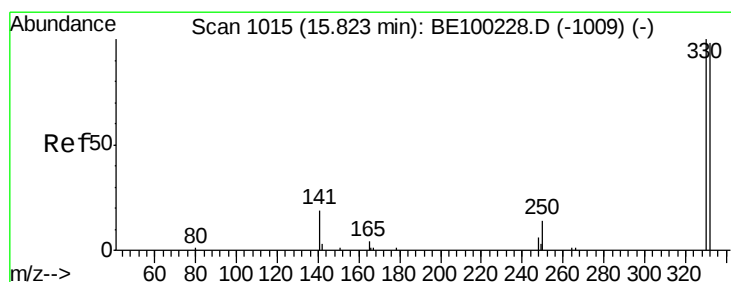
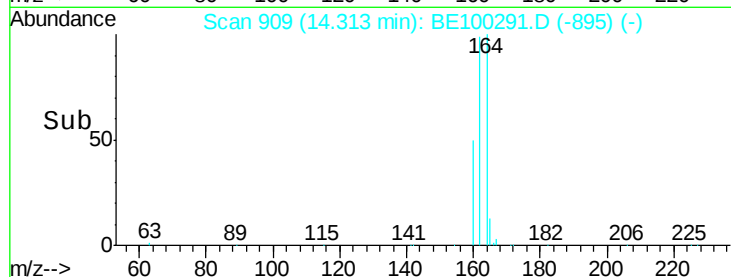
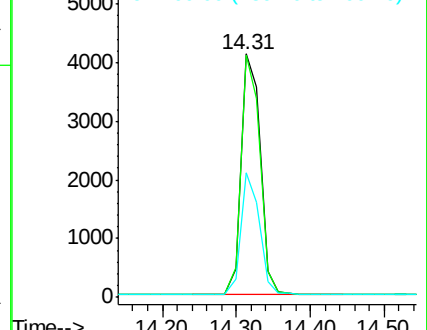
160 51.0 45.0 67.6



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: 0.450 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

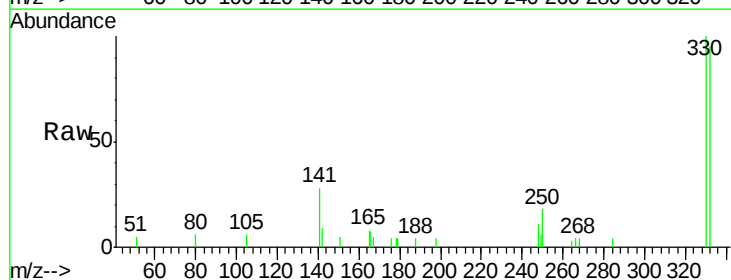
Tgt Ion:330 Resp: 2344

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

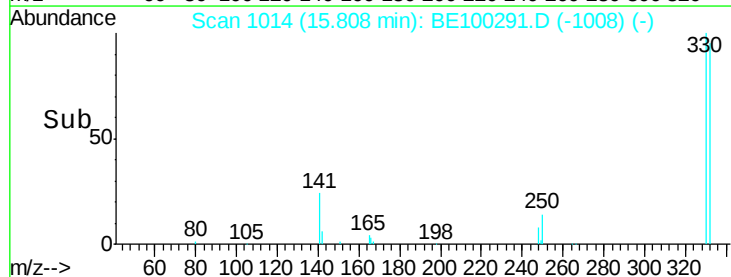
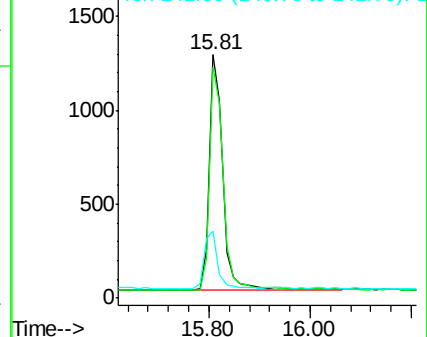
141 25.0 22.0 33.0



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

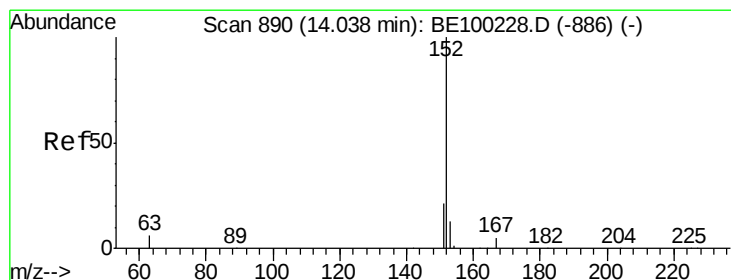
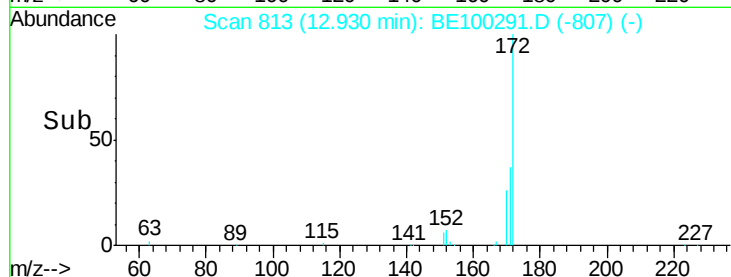
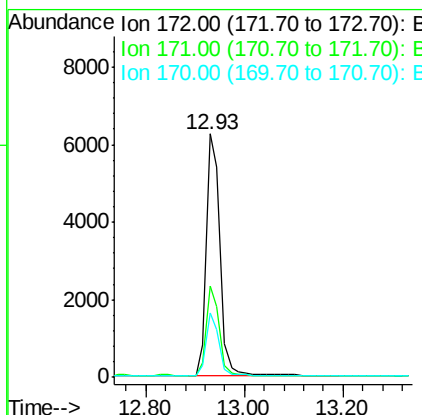
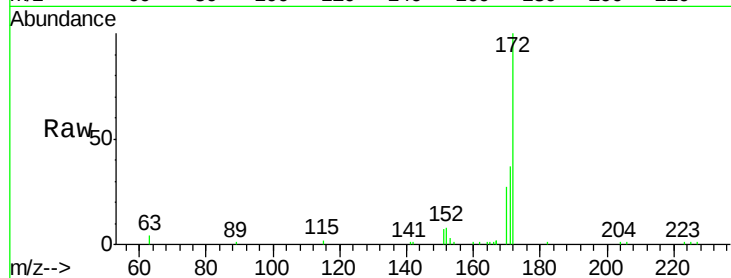




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

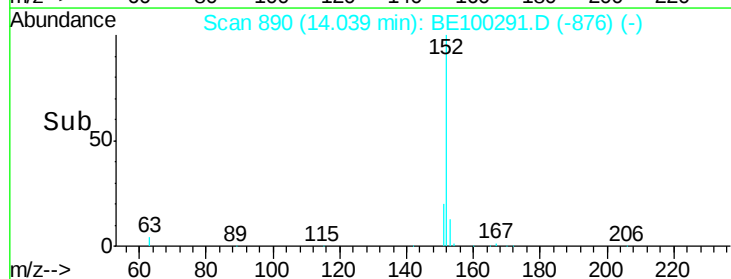
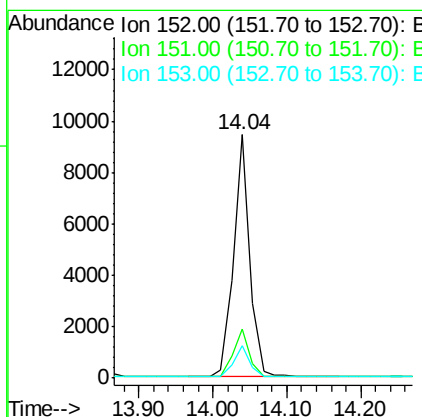
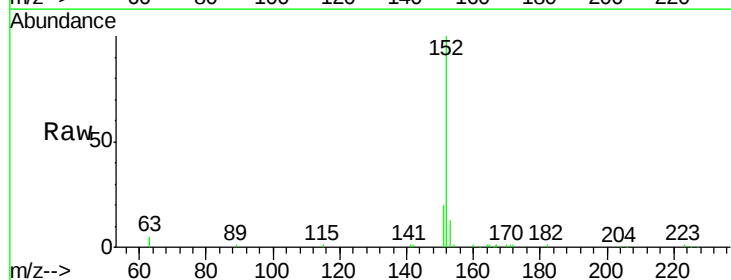
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

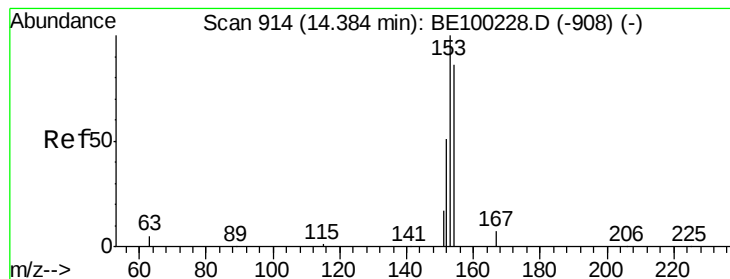
Tot Ion:172 Resp: 11914
Ion Ratio Lower Upper
172 100
171 37.3 31.9 47.9
170 26.5 22.2 33.2



#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Tgt Ion:152 Resp: 14378
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.415 ng

RT: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

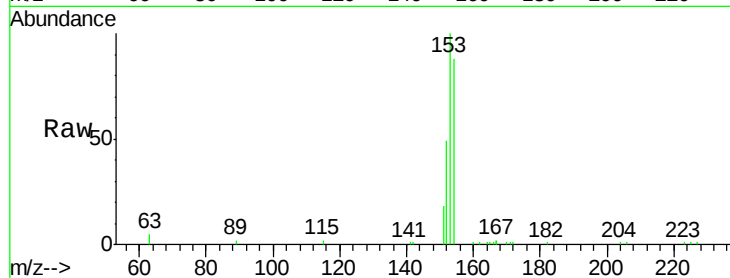
Tot Ion:154 Resp: 8404

Ion Ratio Lower Upper

154 100

153 116.0 93.4 140.2

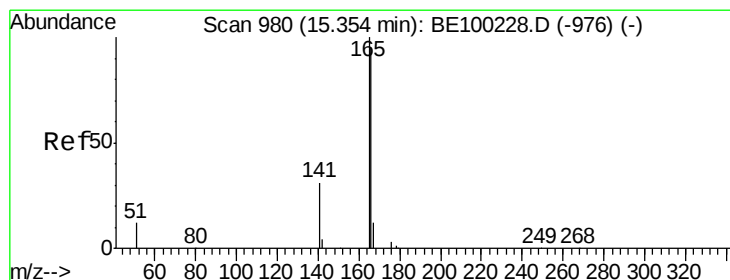
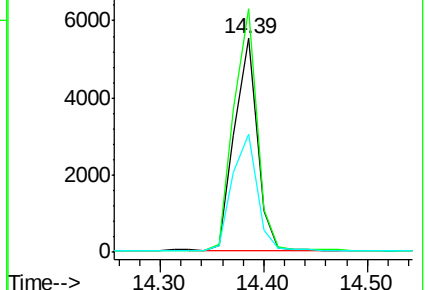
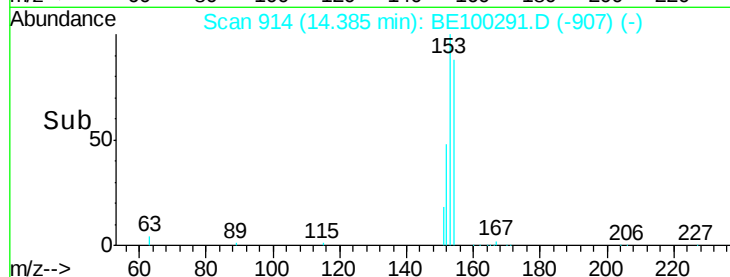
152 59.0 49.4 74.2



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: 0.395 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

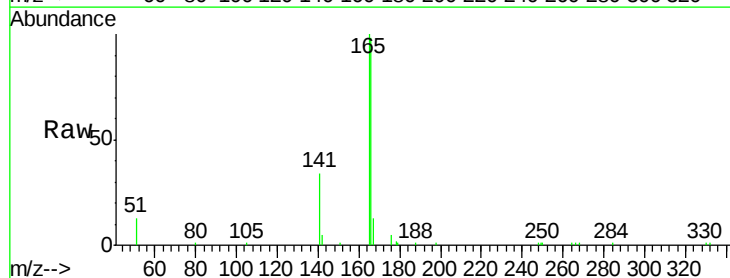
Tgt Ion:166 Resp: 11824

Ion Ratio Lower Upper

166 100

165 99.9 81.1 121.7

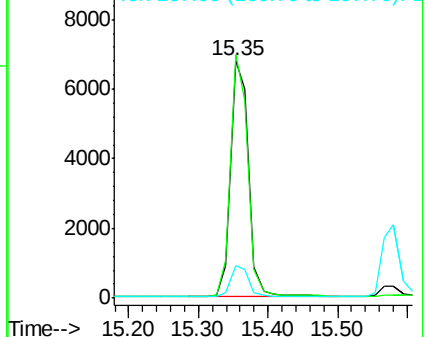
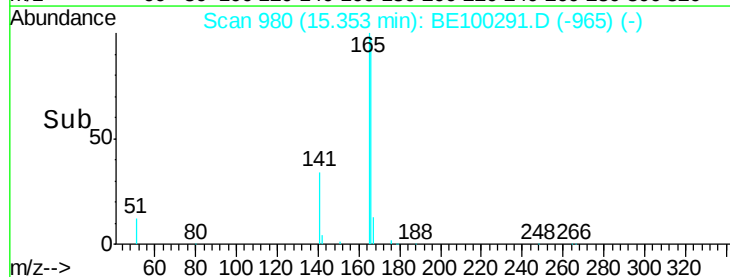
167 13.2 10.7 16.1



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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

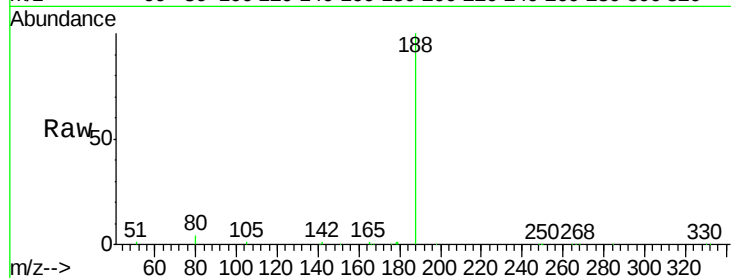
Tot Ion:188 Resp: 20348

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

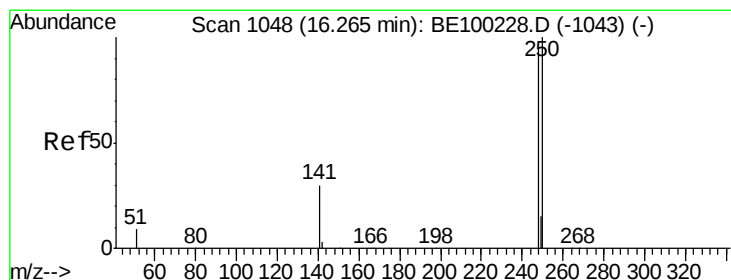
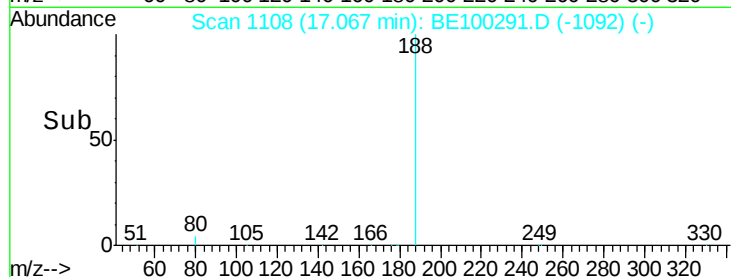
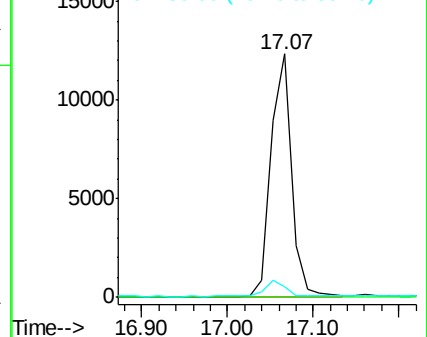
80 4.4 7.6 11.4#



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: 0.437 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

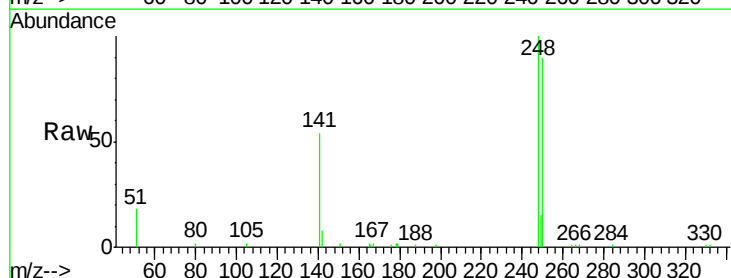
Tgt Ion:248 Resp: 5670

Ion Ratio Lower Upper

248 100

250 89.8 84.2 126.4

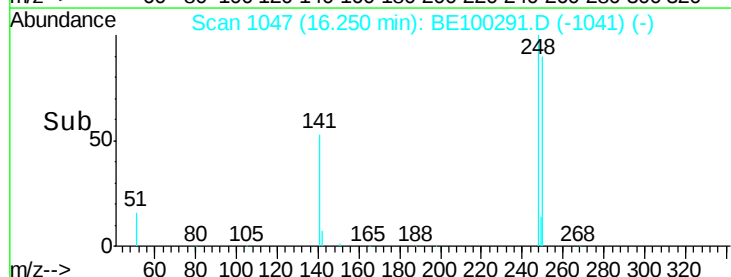
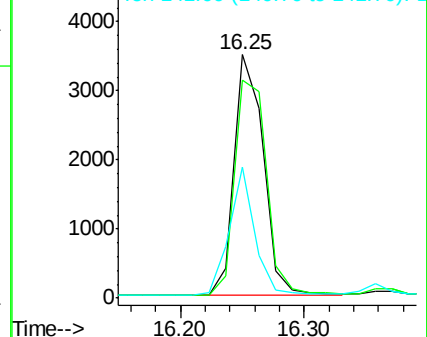
141 53.9 29.3 43.9#

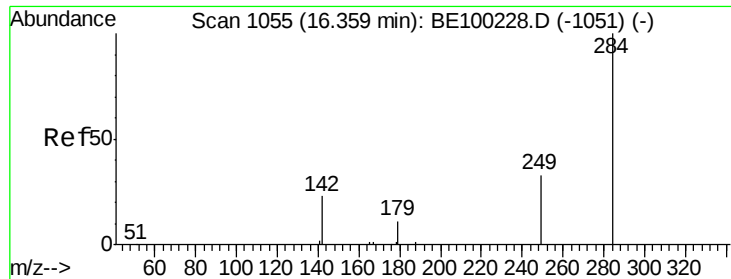


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

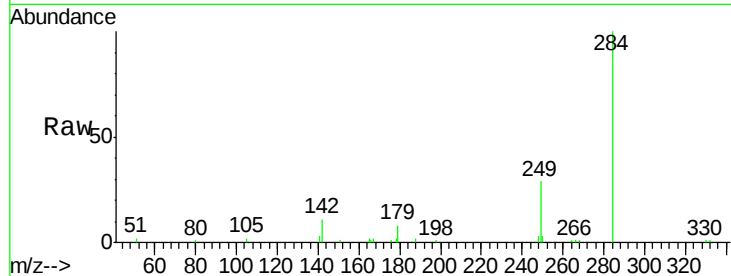
Tot Ion:284 Resp: 5750

Ion Ratio Lower Upper

284 100

142 23.1 18.8 28.2

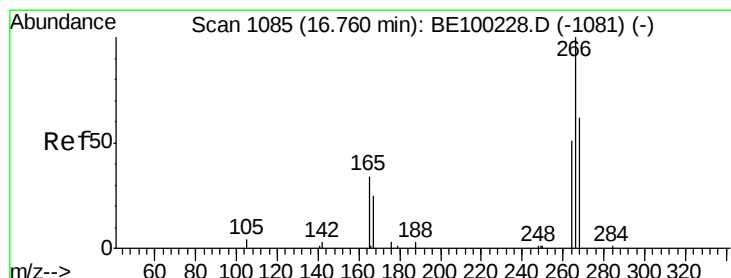
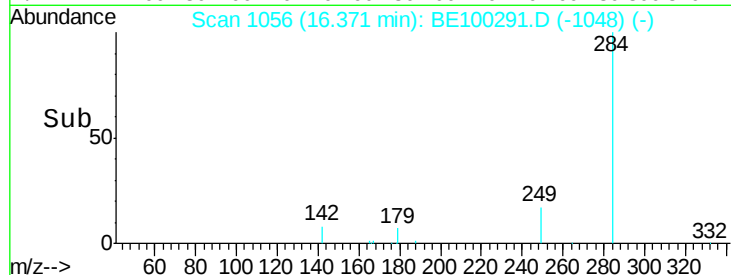
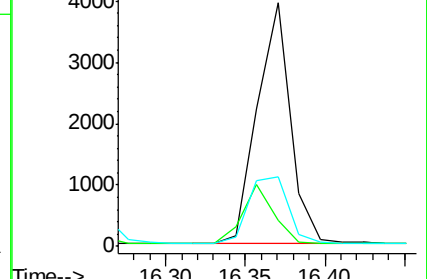
249 32.6 23.7 35.5



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: 0.499 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

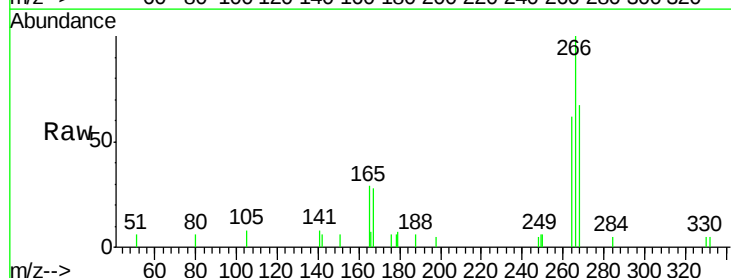
Tgt Ion:266 Resp: 2026

Ion Ratio Lower Upper

266 100

264 62.3 56.2 84.2

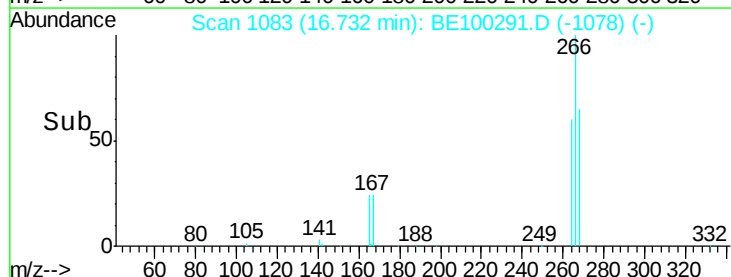
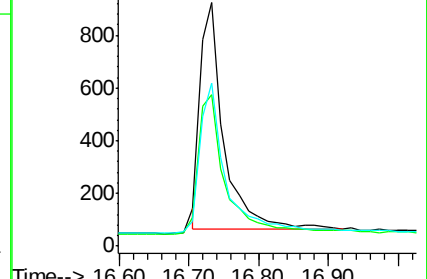
268 66.9 61.8 92.6

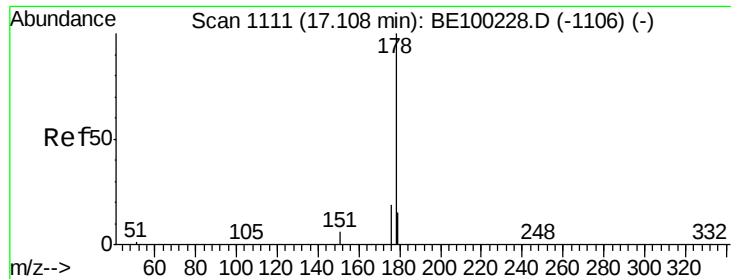


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

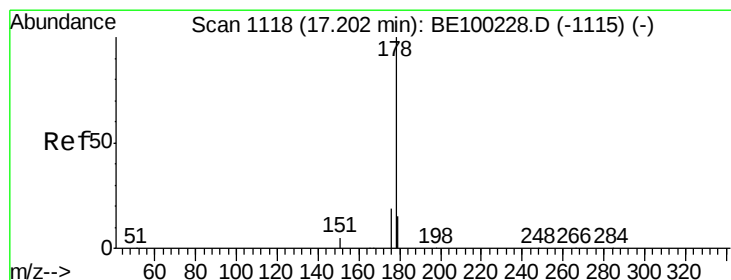
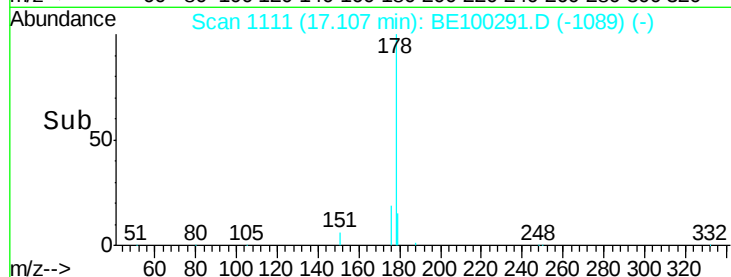
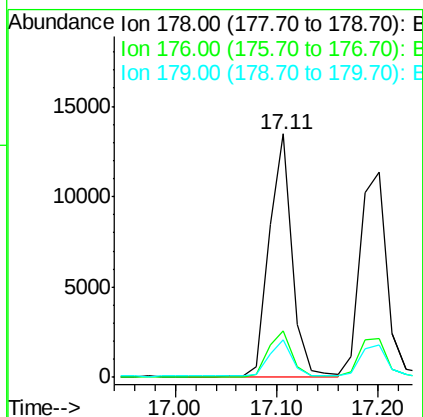
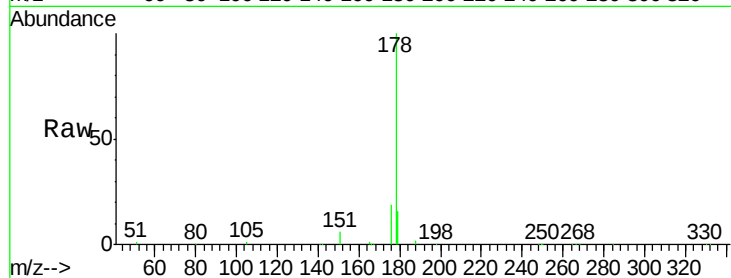




#23
Phenanthrene
Concen: 0.422 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

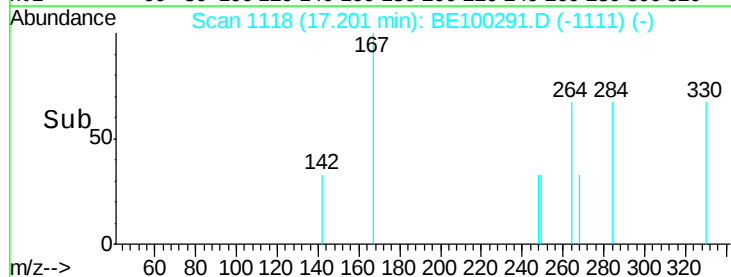
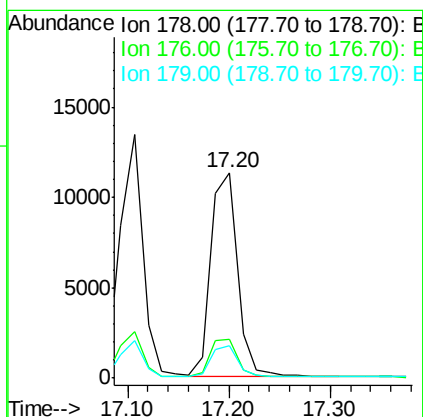
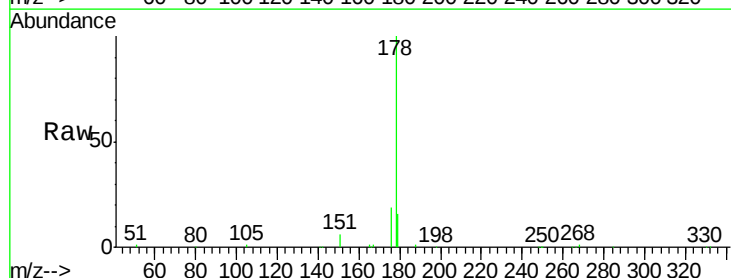
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

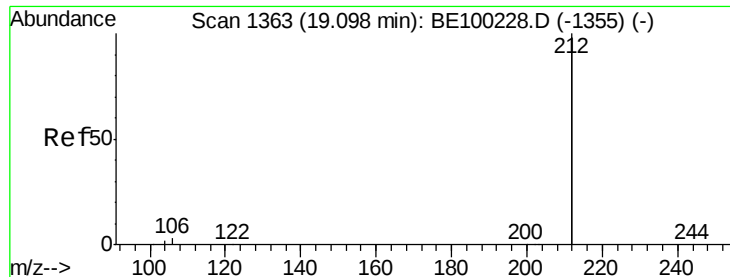
Tot Ion:178 Resp: 20792
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.2 12.2 18.2



#24
Anthracene
Concen: 0.461 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Tgt Ion:178 Resp: 20455
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.2 18.2

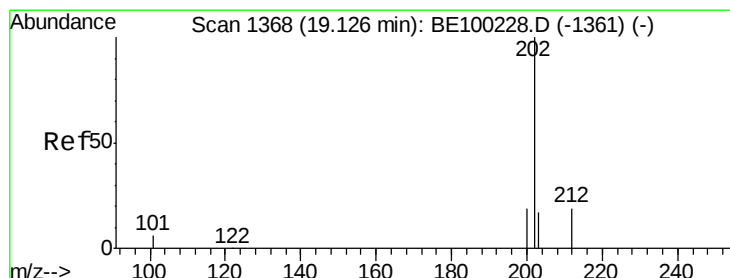
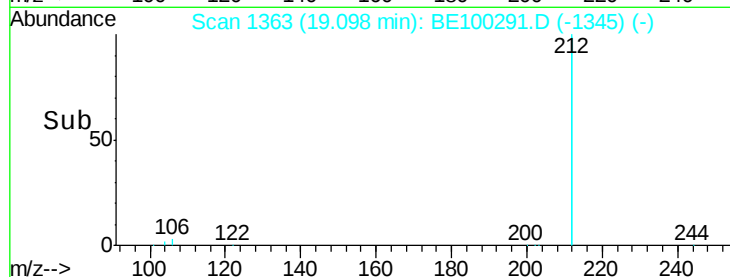
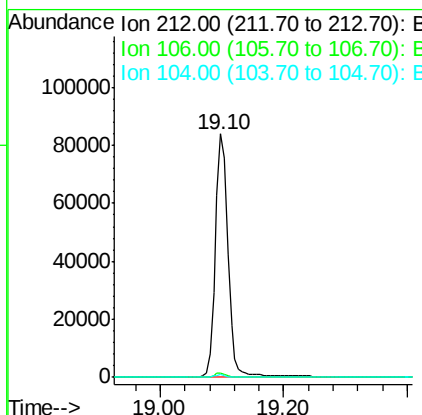
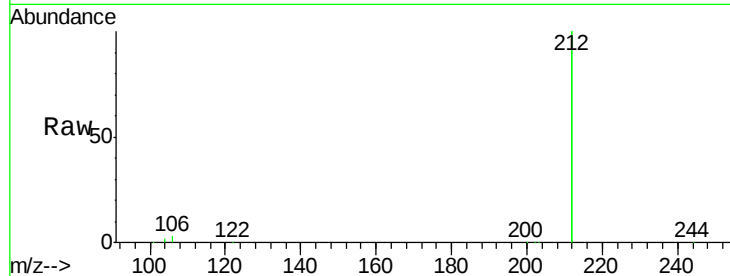




#25
 Fluoranthene-d10
 Concen: 0.395 ng
 RT: 19.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

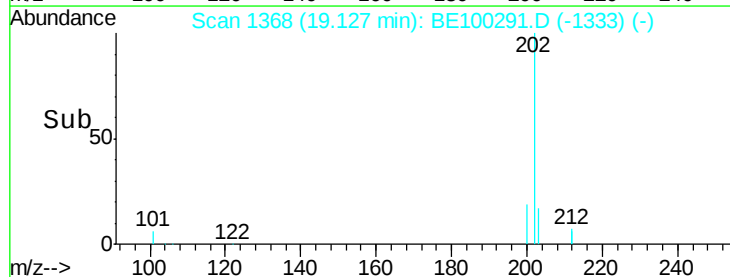
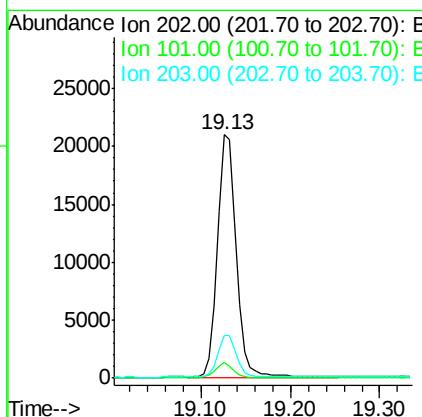
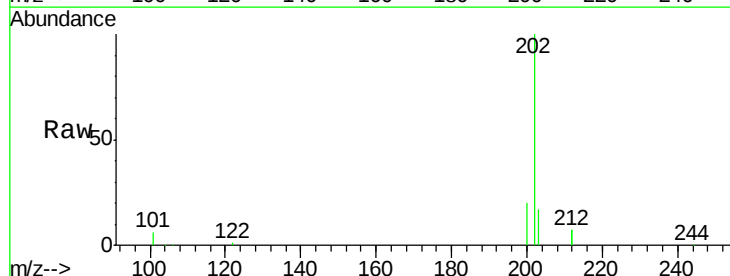
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

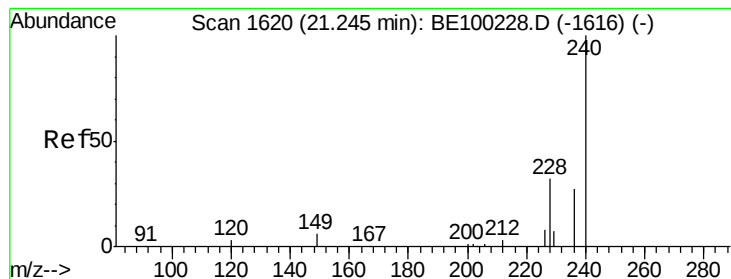
Tot Ion:212 Resp: 116665
 Ion Ratio Lower Upper
 212 100
 106 1.6 1.3 1.9
 104 0.9 0.8 1.2



#26
 Fluoranthene
 Concen: 0.389 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

Tgt Ion:202 Resp: 30521
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 7.0
 203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

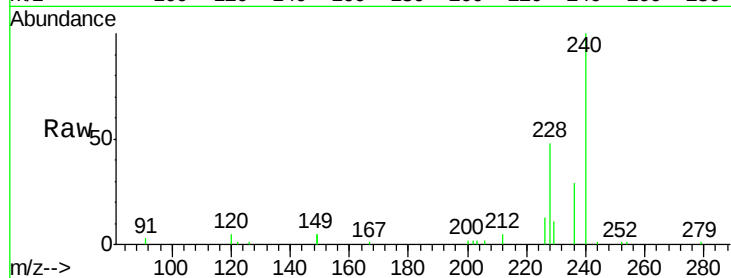
Tot Ion:240 Resp: 24798

Ion Ratio Lower Upper

240 100

120 5.2 3.3 4.9#

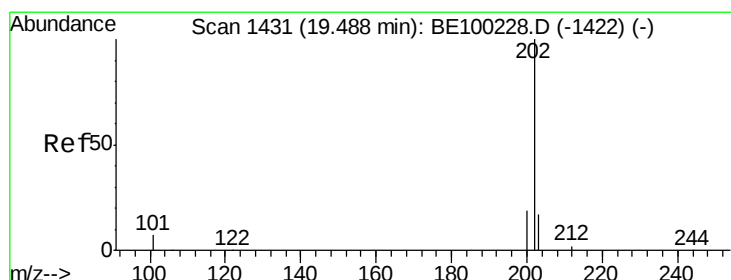
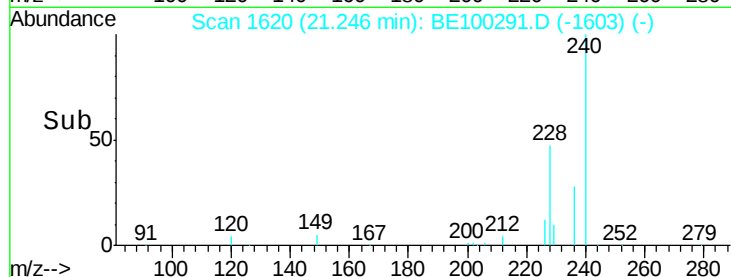
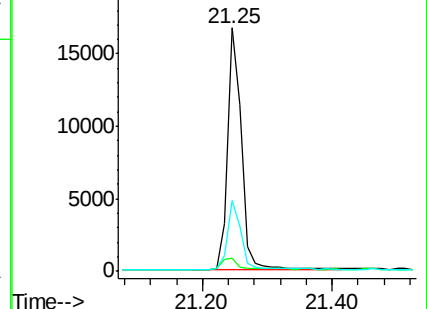
236 28.9 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.480 ng

RT: 19.49 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

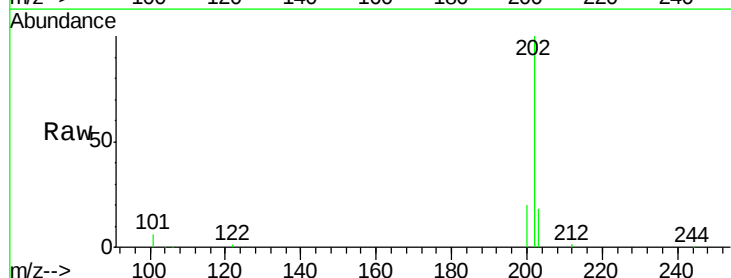
Tgt Ion:202 Resp: 31534

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

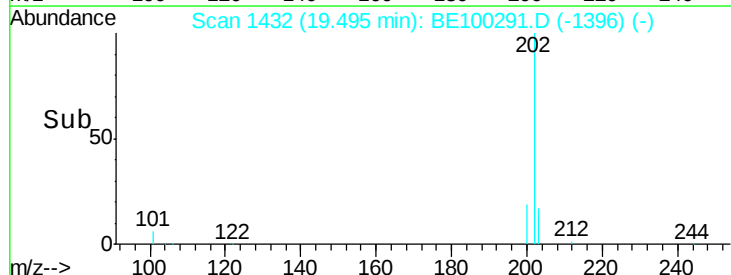
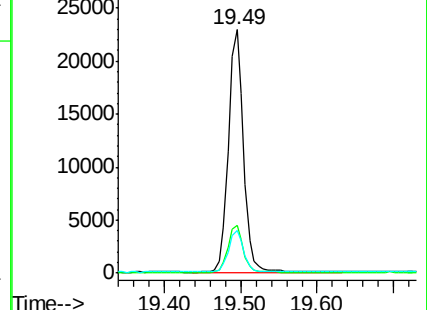
203 17.4 14.0 21.0



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: 0.477 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

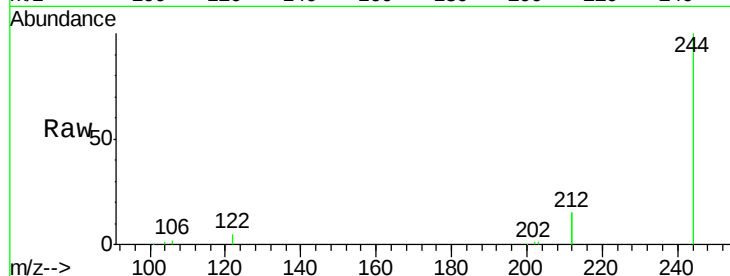
Tot Ion:244 Resp: 24501

Ion Ratio Lower Upper

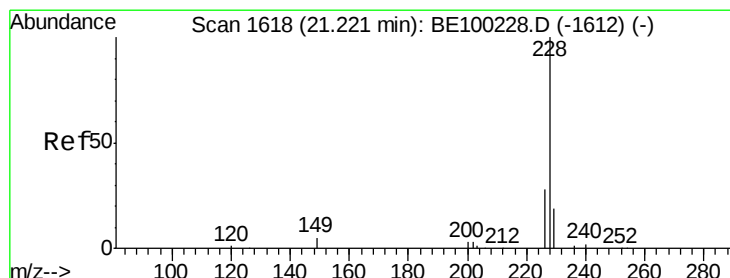
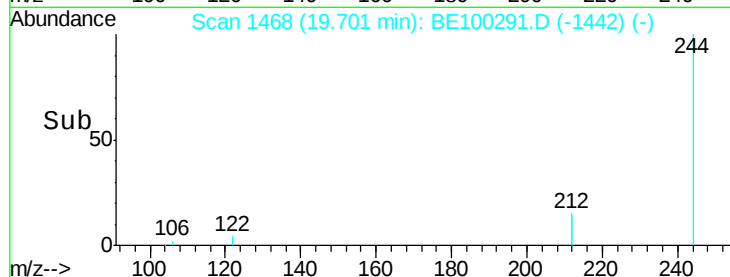
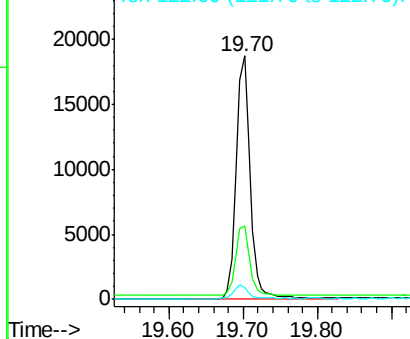
244 100

212 30.1 27.3 40.9

122 4.7 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: 0.445 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

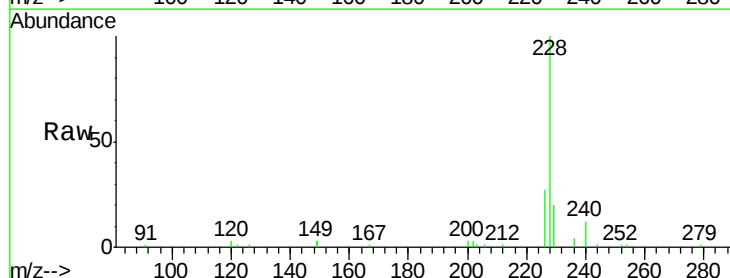
Tgt Ion:228 Resp: 36291

Ion Ratio Lower Upper

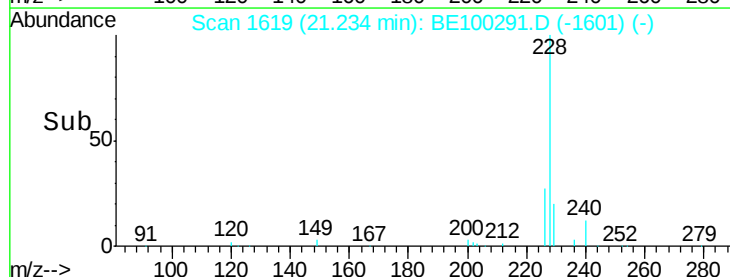
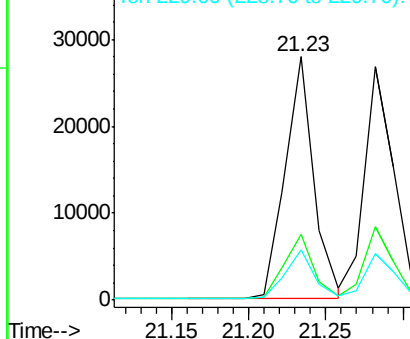
228 100

226 27.2 23.2 34.8

229 20.5 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: 0.435 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

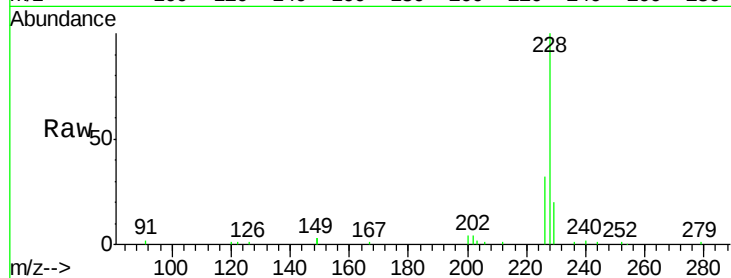
Tot Ion:228 Resp: 35616

Ion Ratio Lower Upper

228 100

226 31.7 23.9 35.9

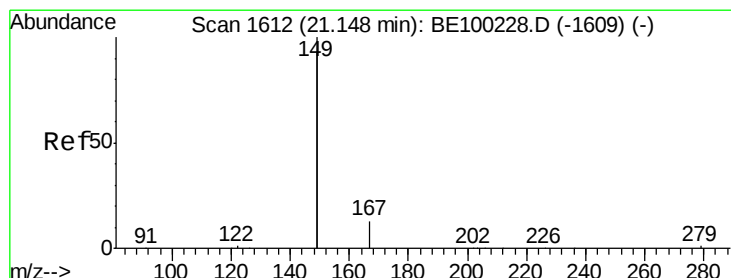
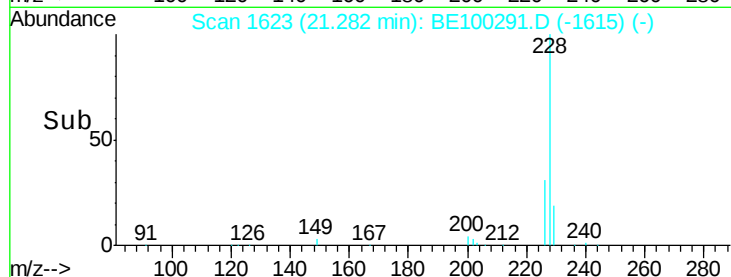
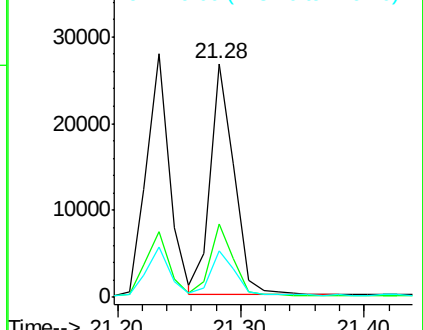
229 19.8 16.5 24.7



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: 0.434 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

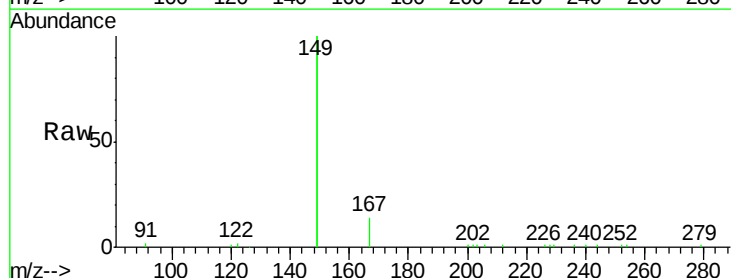
Tgt Ion:149 Resp: 56643

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

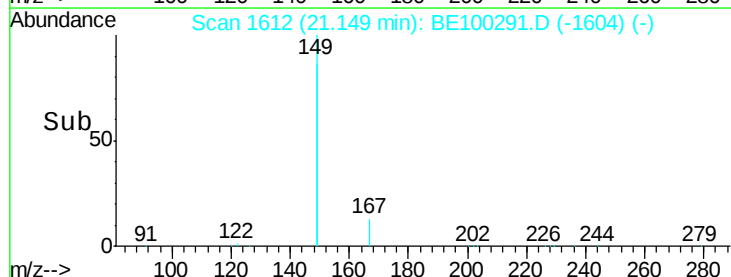
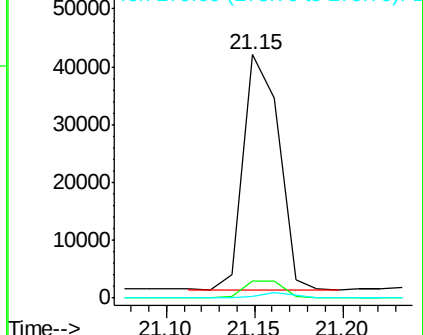
279 1.6 1.1 1.7

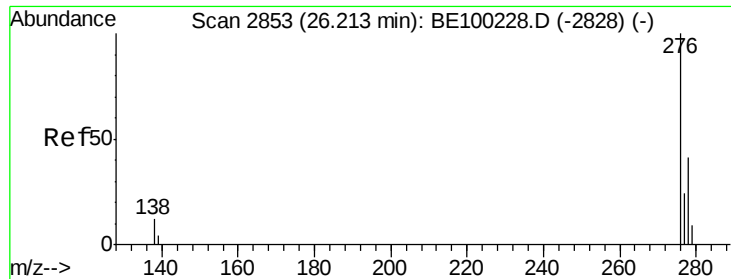


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

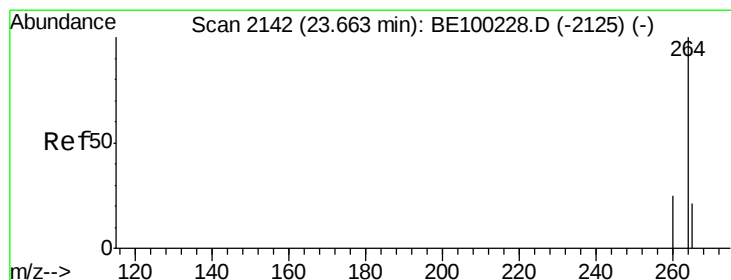
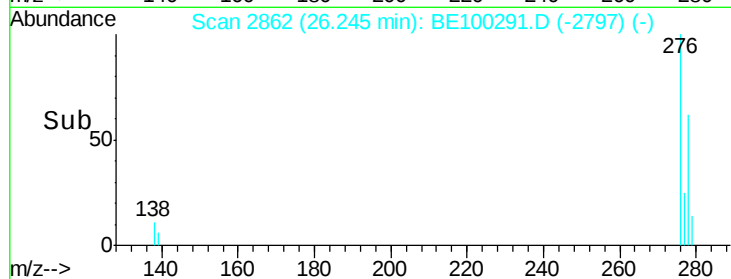
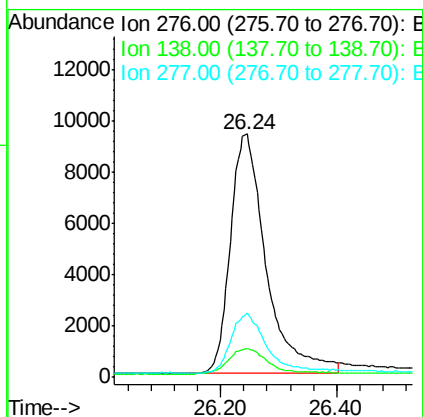
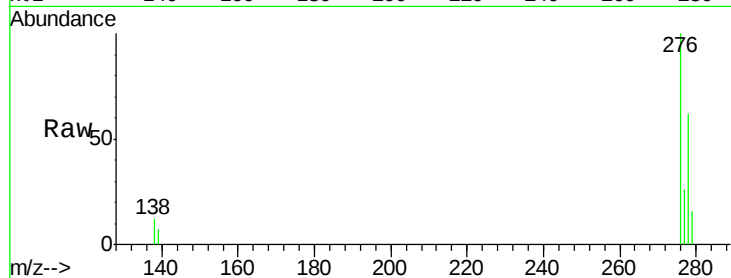




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.369 ng
 RT: 26.24 min Scan# 2862
 Delta R.T. 0.03 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

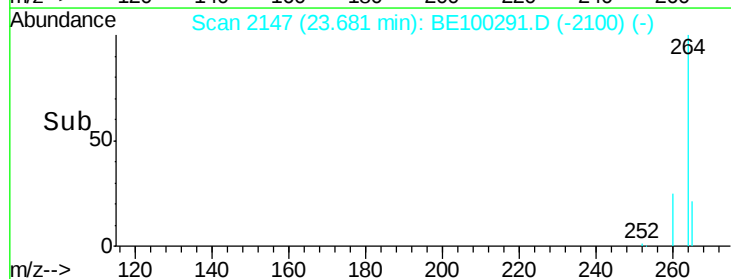
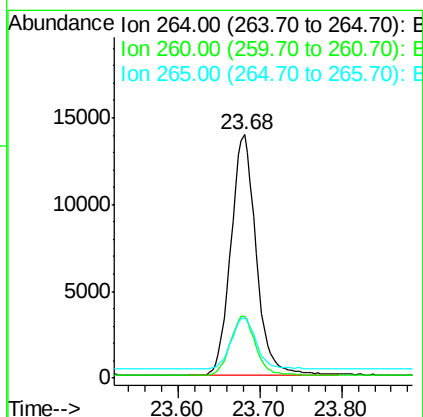
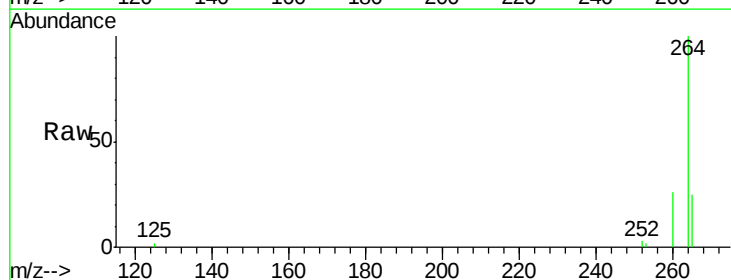
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Tot Ion:276 Resp: 39983
 Ion Ratio Lower Upper
 276 100
 138 11.4 9.4 14.0
 277 24.4 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.68 min Scan# 2147
 Delta R.T. 0.02 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

Tgt Ion:264 Resp: 29936
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.8 31.2
 265 24.9 21.8 32.6





#35

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 22.93 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

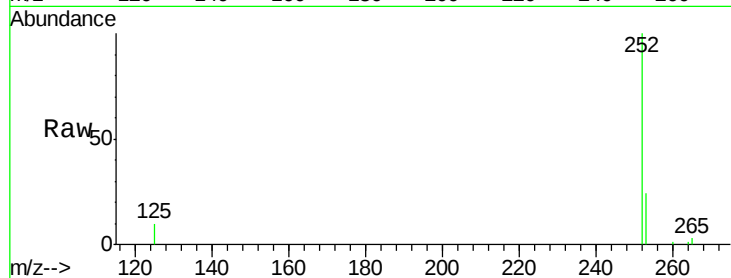
Tot Ion:252 Resp: 34762

Ion Ratio Lower Upper

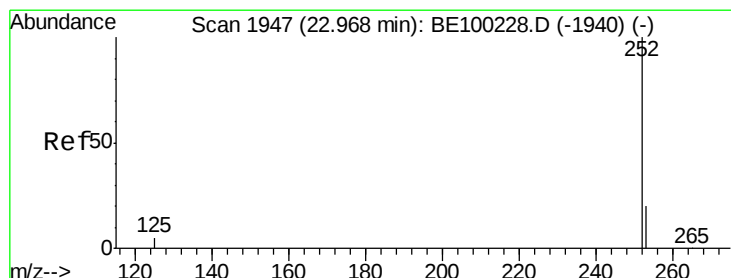
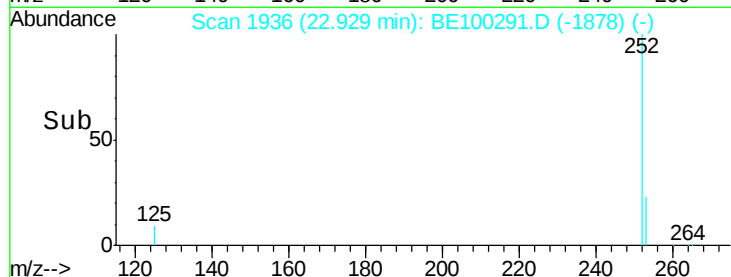
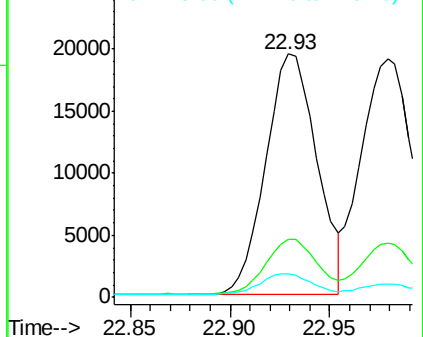
252 100

253 24.1 19.2 28.8

125 9.8 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: 0.398 ng

RT: 22.98 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

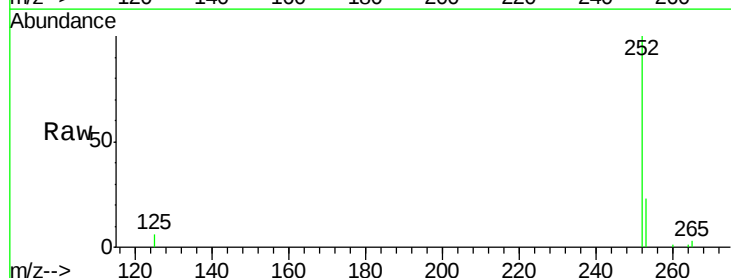
Tgt Ion:252 Resp: 36100

Ion Ratio Lower Upper

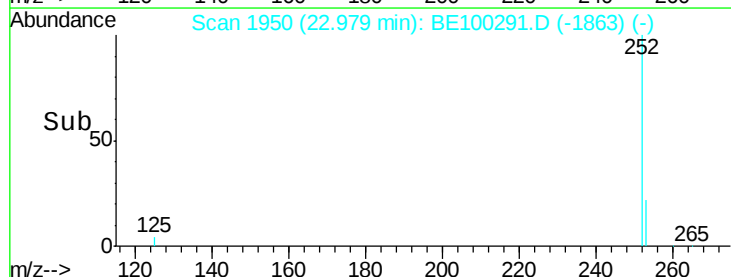
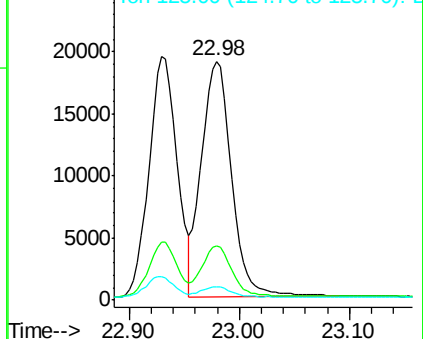
252 100

253 22.8 17.9 26.9

125 5.6 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: 0.421 ng

RT: 23.57 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

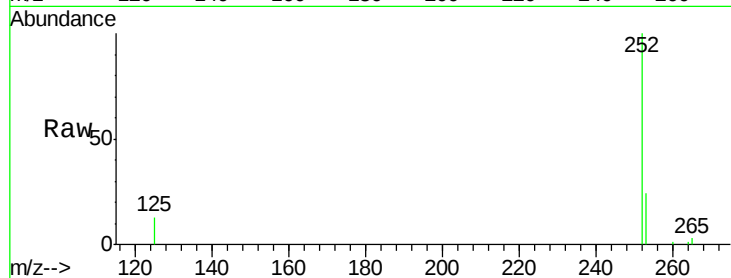
Tot Ion:252 Resp: 34232

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

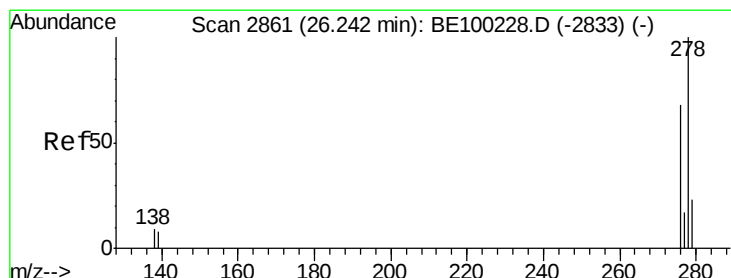
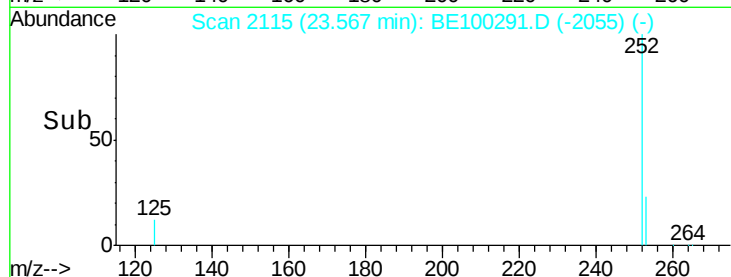
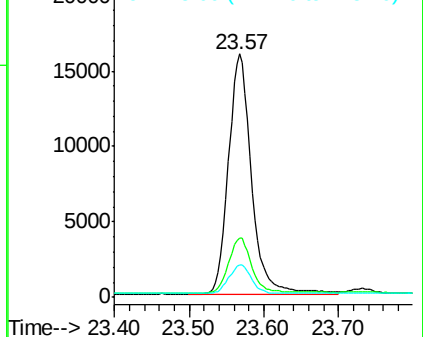
125 13.4 9.0 13.6



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: 0.397 ng

RT: 26.27 min Scan# 2868

Delta R.T. 0.02 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

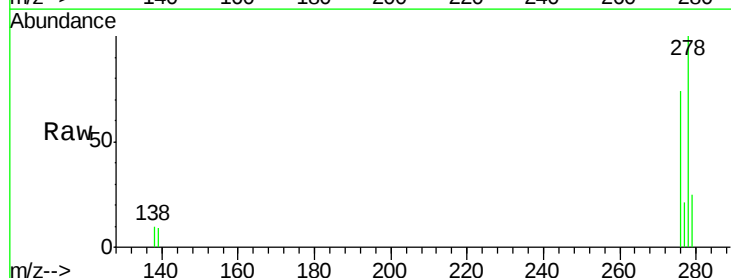
Tgt Ion:278 Resp: 33733

Ion Ratio Lower Upper

278 100

139 9.1 8.2 12.2

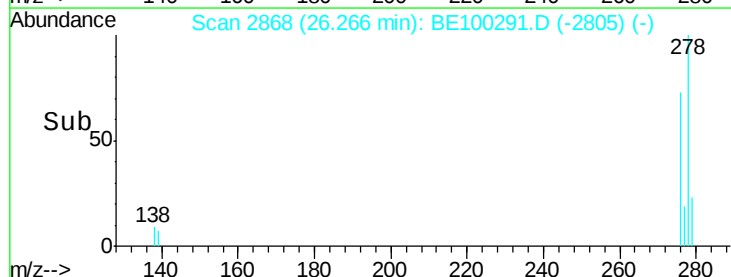
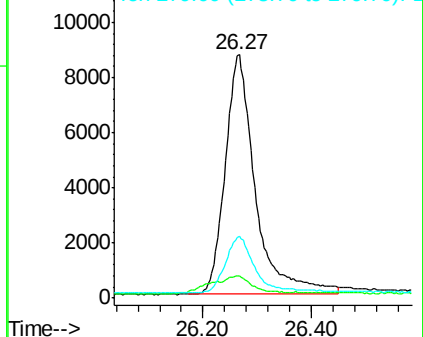
279 25.2 20.3 30.5



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: 0.350 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.02 min

Lab File: BE100291.D

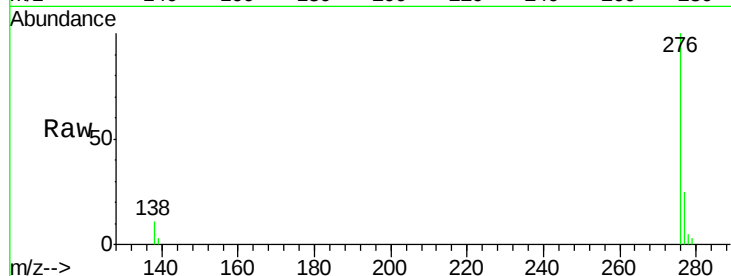
Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 30535

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.2

138 10.9 9.0 13.6

