

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

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

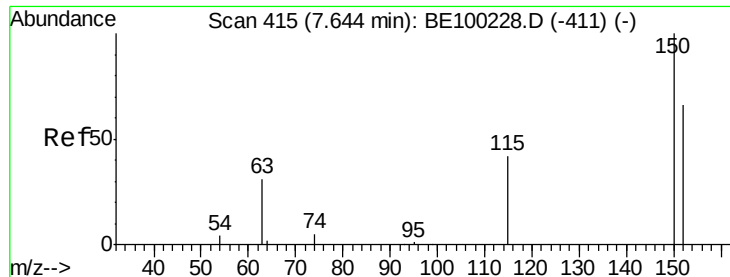
Quant Time: Jul 02 08:28:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

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

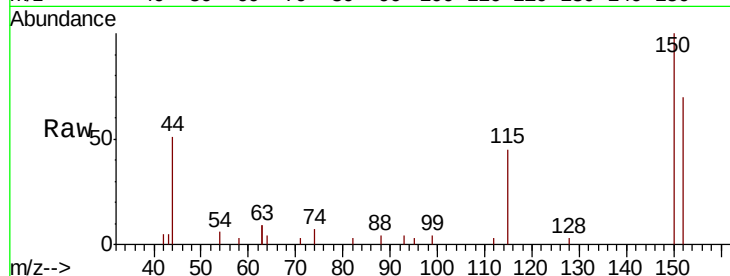
Tgt Ion: 152 Resp: 1983

Ion Ratio Lower Upper

152 100

150 142.2 114.5 171.7

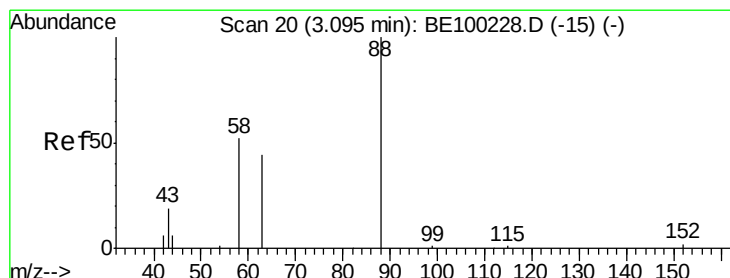
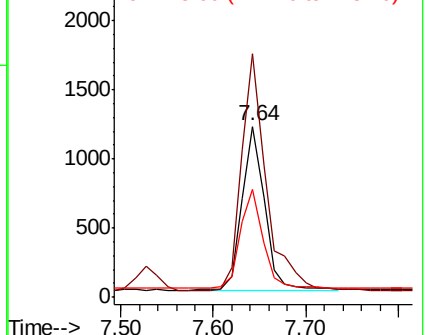
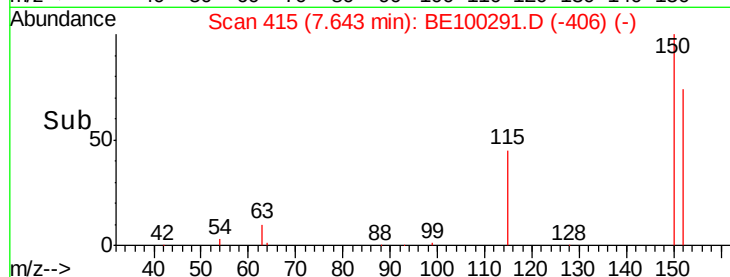
115 63.3 57.1 85.7



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

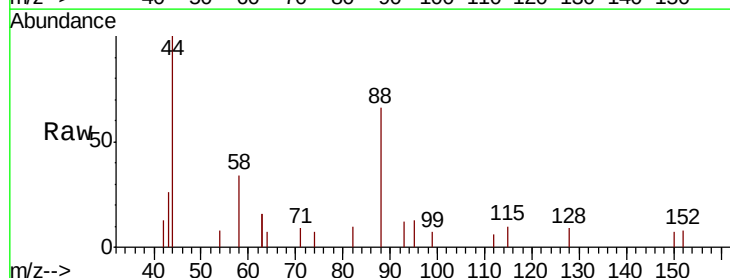
Tgt Ion: 88 Resp: 767

Ion Ratio Lower Upper

88 100

58 54.2 43.6 65.4

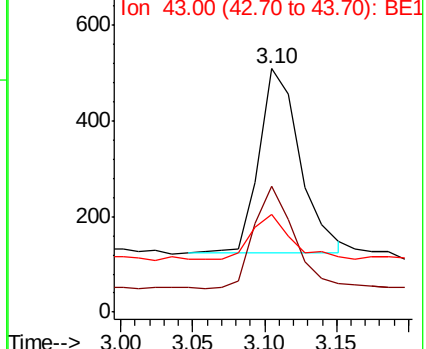
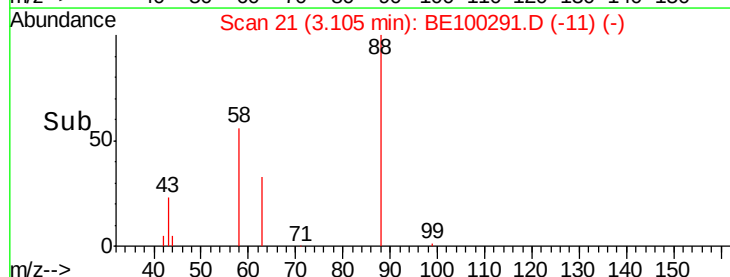
43 22.7 21.4 32.0

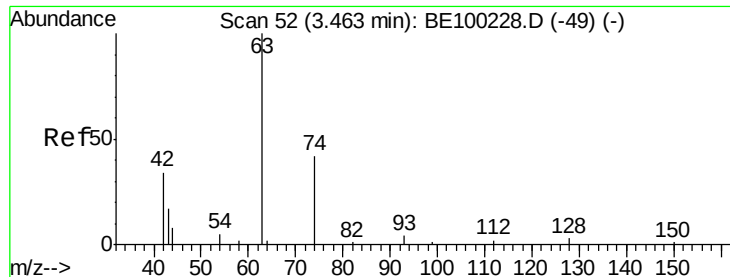


Abundance Ion 88.00 (87.70 to 88.70): BE1

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

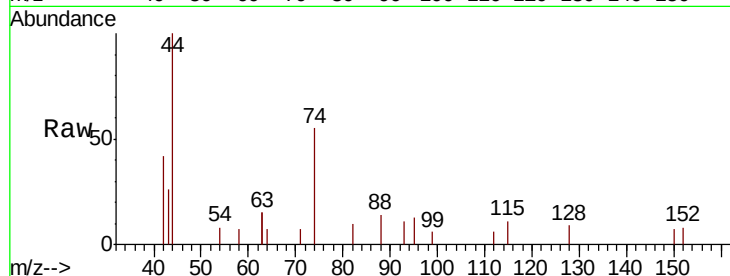
Tgt Ion: 42 Resp: 726

Ion Ratio Lower Upper

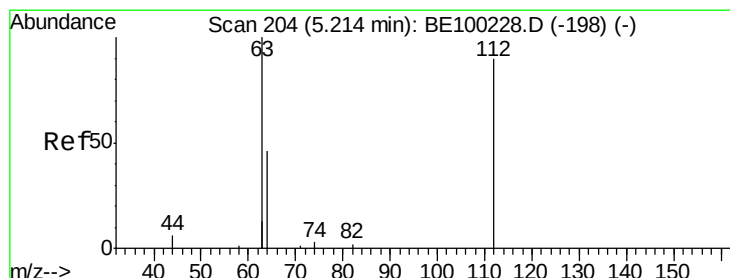
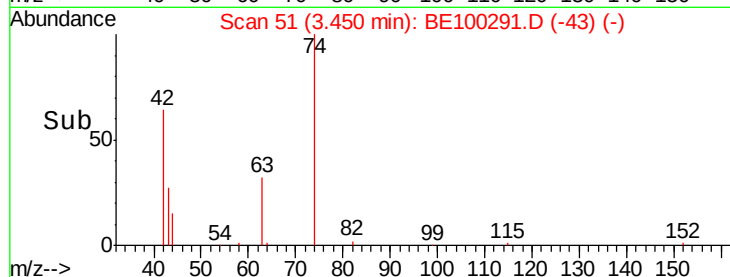
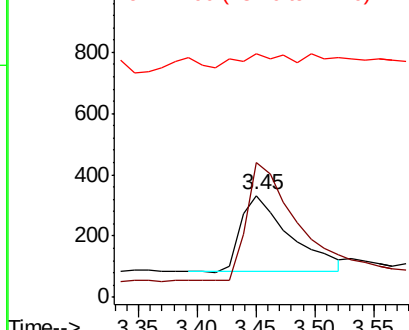
42 100

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

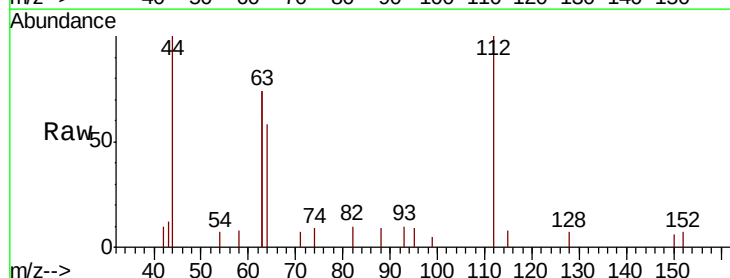
Tgt Ion: 112 Resp: 2008

Ion Ratio Lower Upper

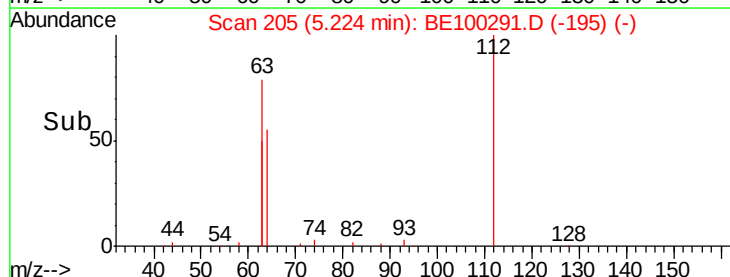
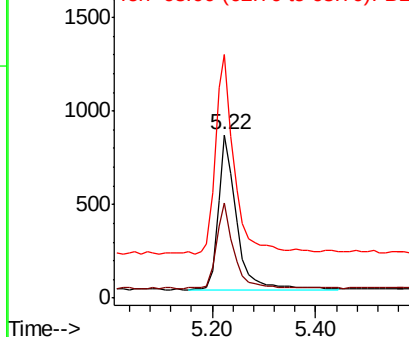
112 100

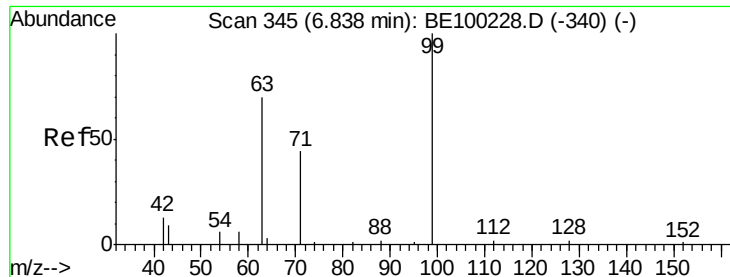
64 53.3 39.4 59.0

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

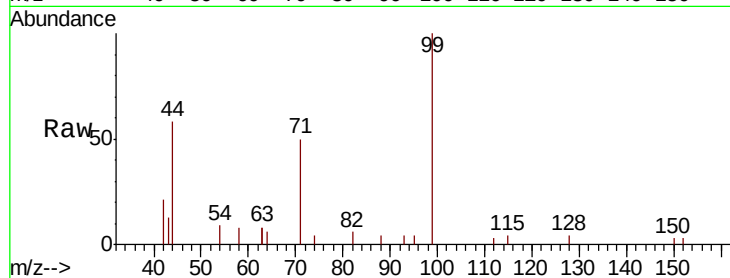
Tgt Ion: 99 Resp: 3483

Ion Ratio Lower Upper

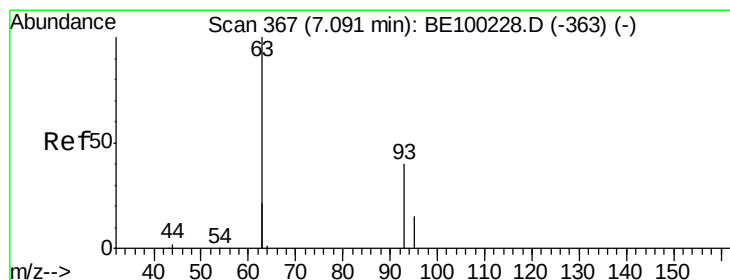
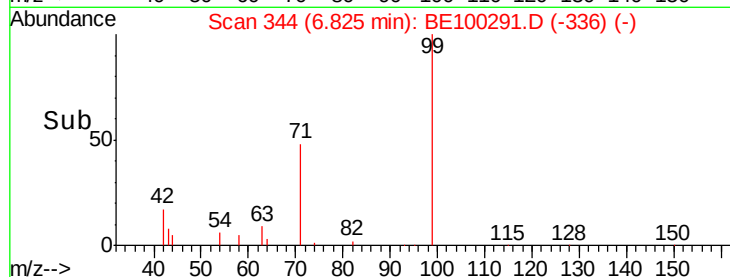
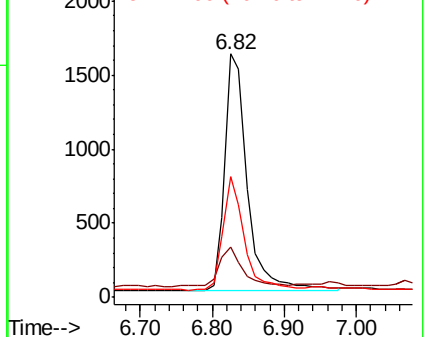
99 100

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

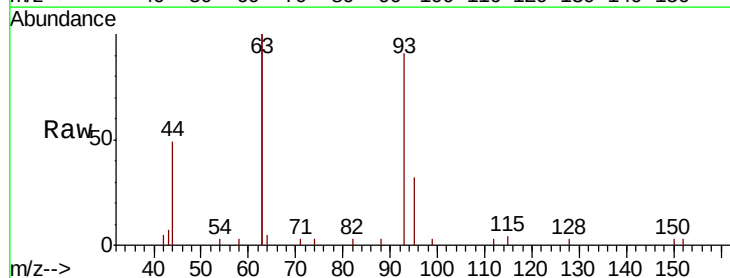
Tgt Ion: 93 Resp: 3208

Ion Ratio Lower Upper

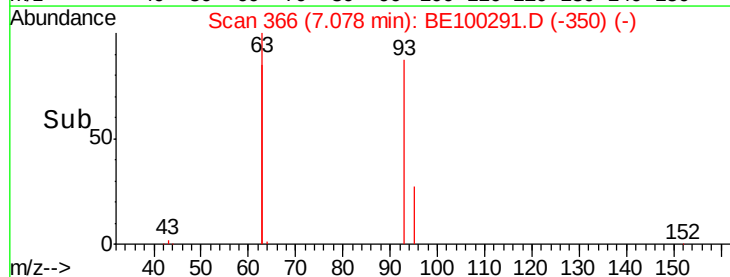
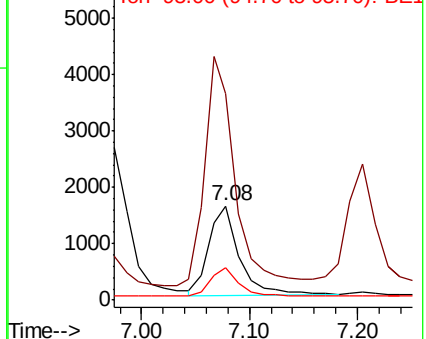
93 100

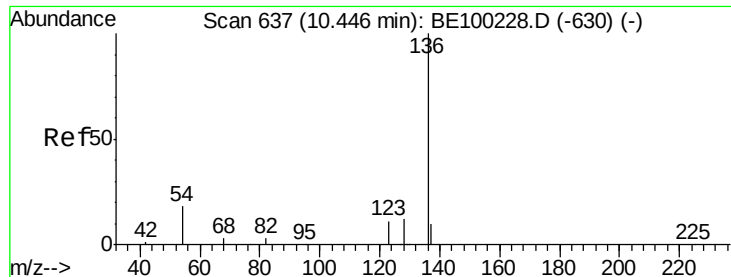
63 243.8 155.6 233.4#

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

Tgt Ion:136 Resp: 9720

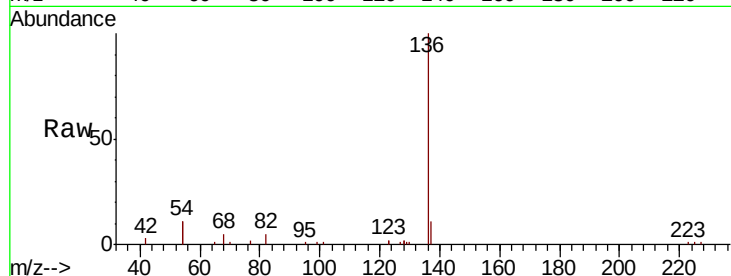
Ion Ratio Lower Upper

136 100

137 11.1 11.8 17.8#

54 22.7 27.7 41.5#

68 5.4 6.8 10.2#

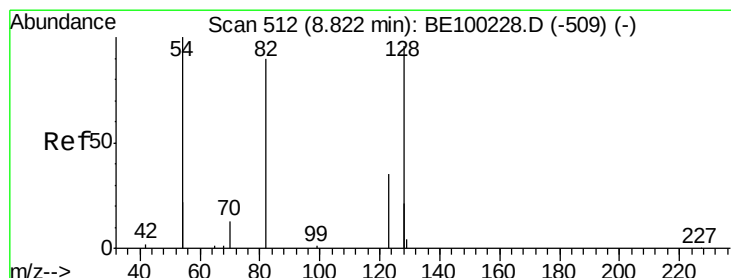
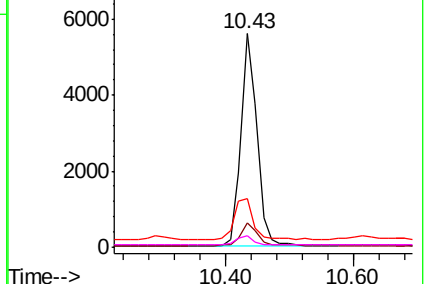
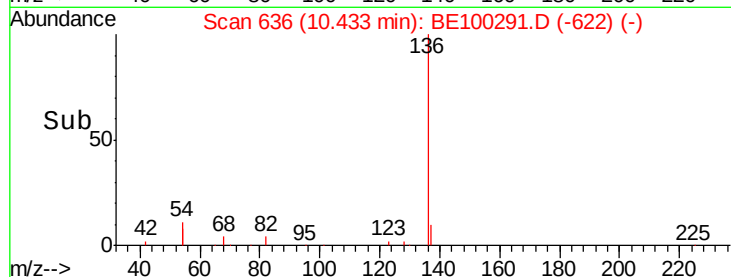


Abundance Ion 136.00 (135.70 to 136.70): E

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

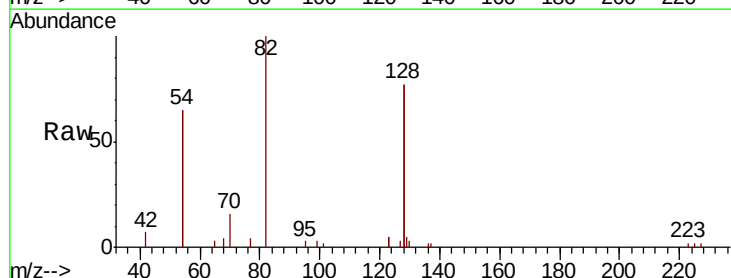
Tgt Ion: 82 Resp: 4337

Ion Ratio Lower Upper

82 100

128 154.2 140.9 211.3

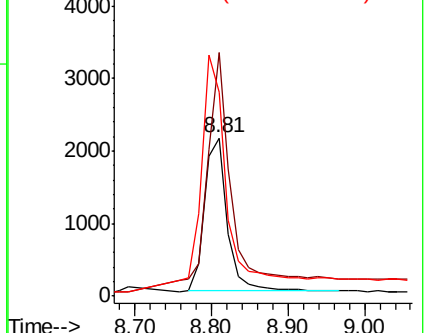
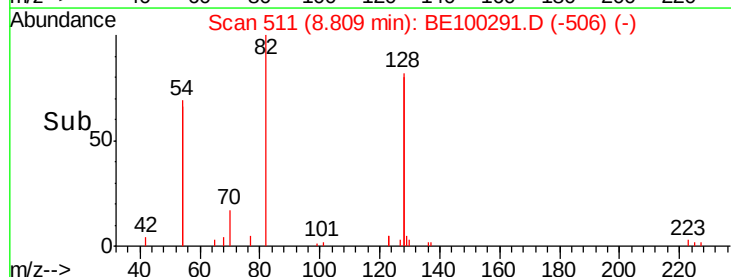
54 129.3 146.2 219.2#

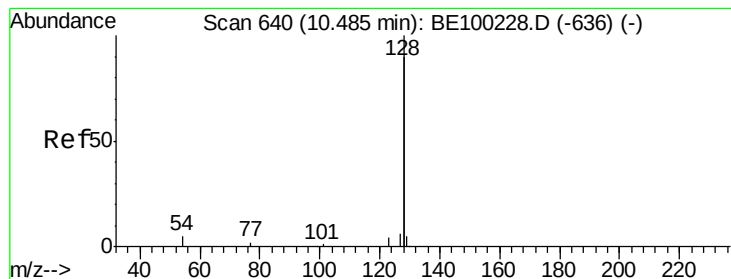


Abundance Ion 82.00 (81.70 to 82.70): BE1

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

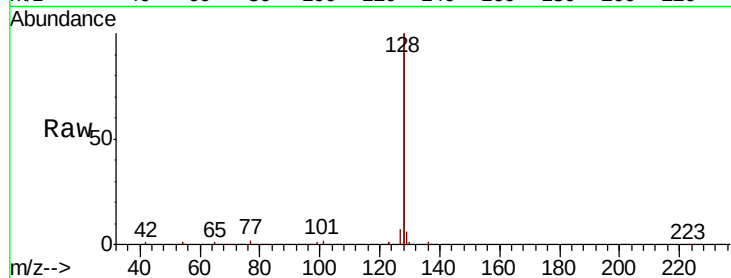
Tgt Ion:128 Resp: 43568

Ion Ratio Lower Upper

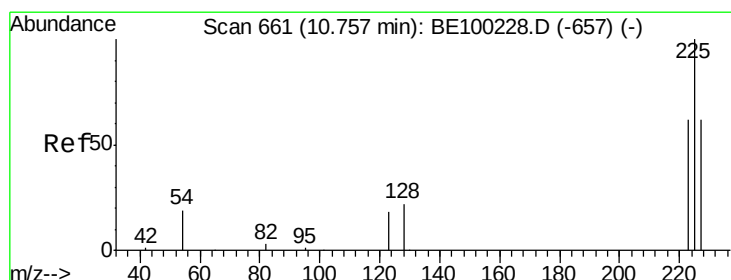
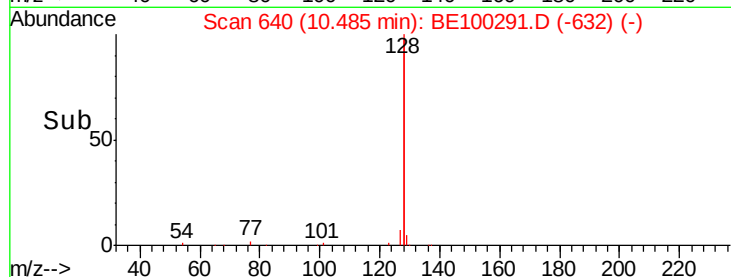
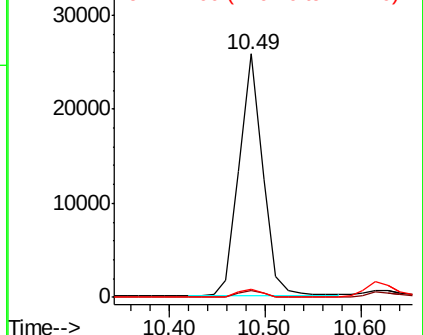
128 100

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

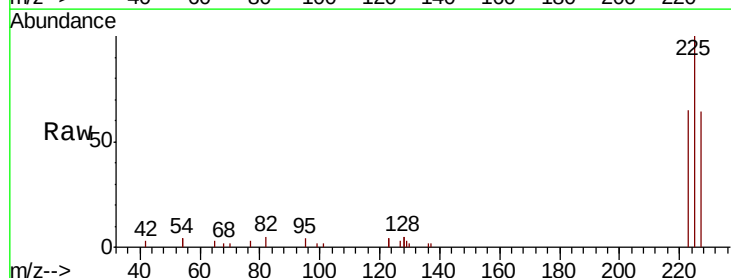
Tgt Ion:225 Resp: 4139

Ion Ratio Lower Upper

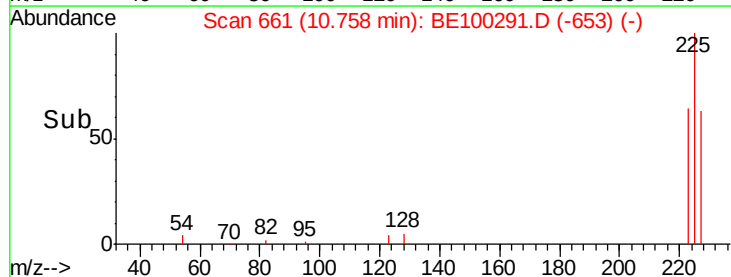
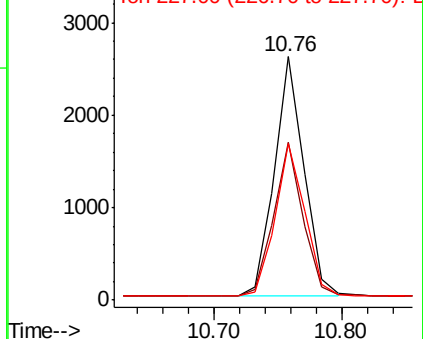
225 100

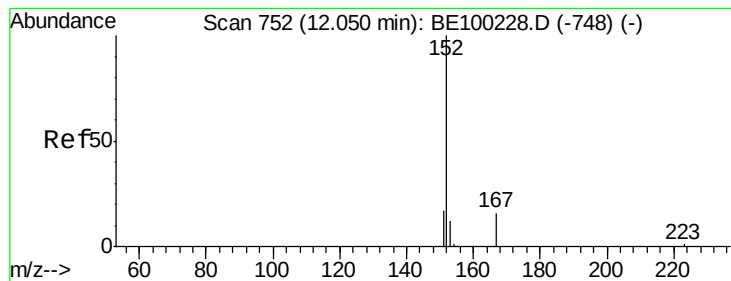
223 62.9 49.1 73.7

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

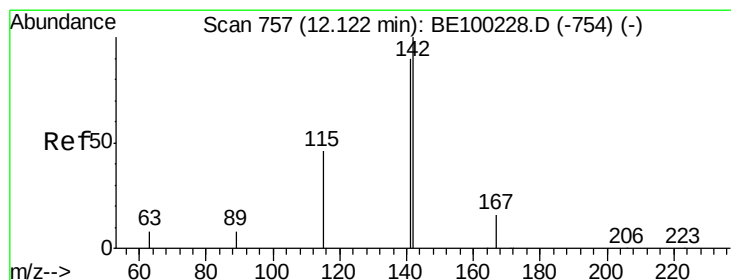
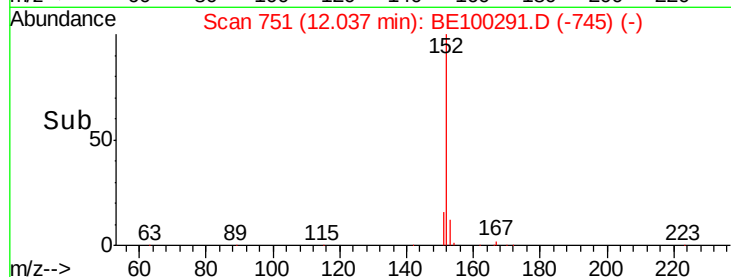
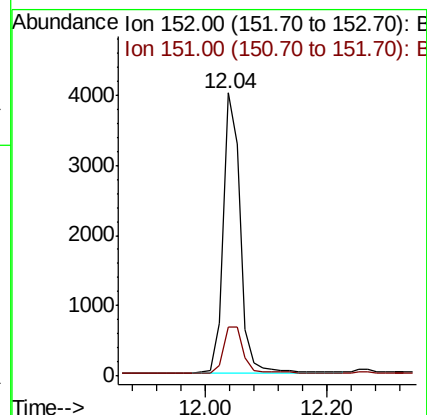
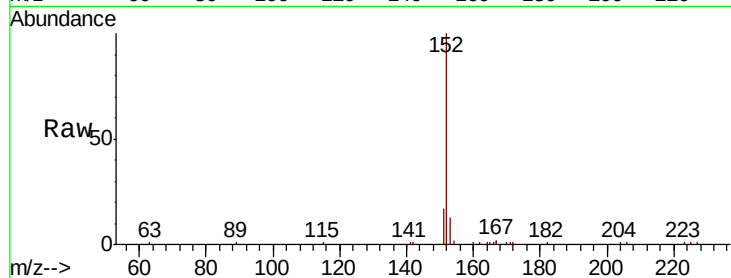




#11
 2-Methylnaphthalene-d10
 Concen: 0.426 ng
 RT: 12.04 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

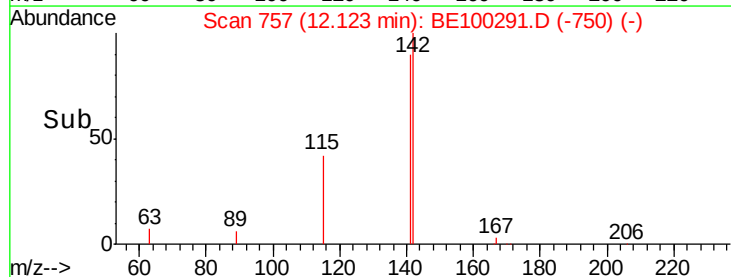
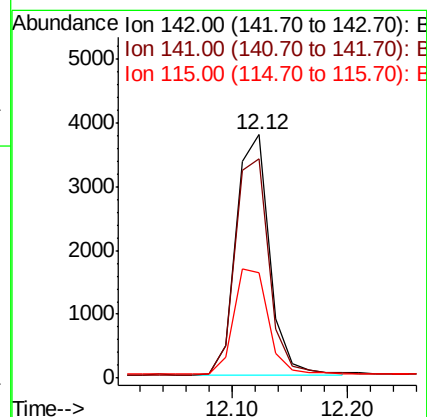
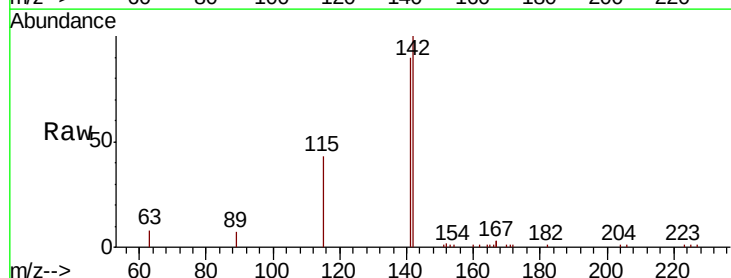
Instrument :
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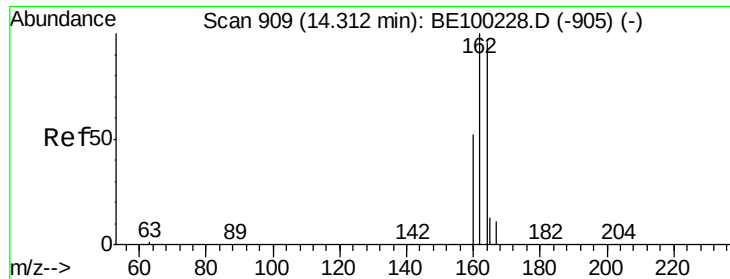
Tgt Ion:152 Resp: 7780
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



#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

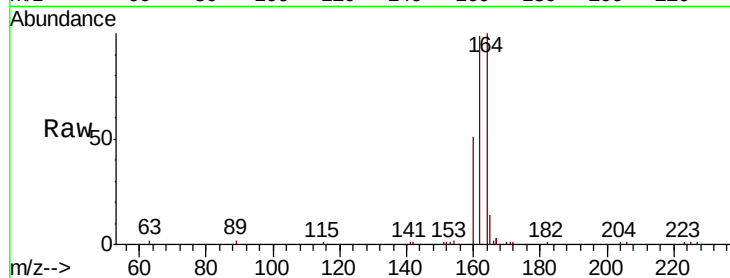




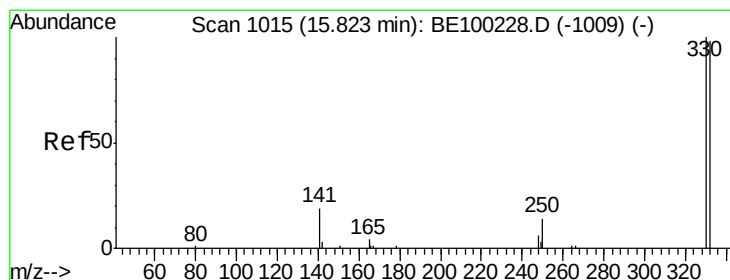
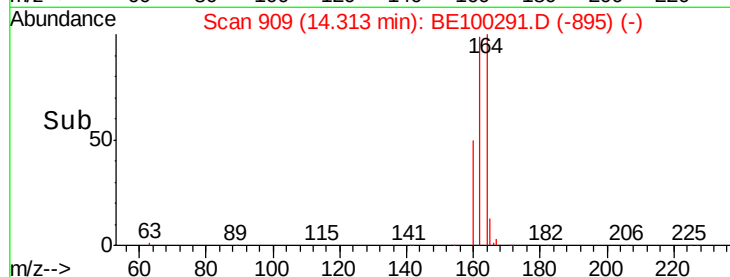
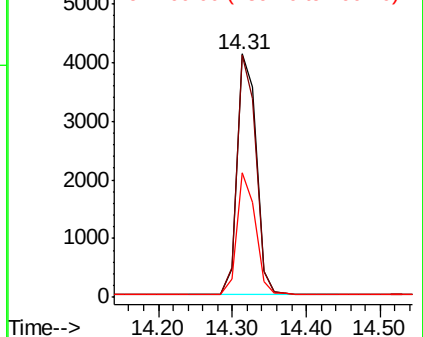
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 7443
 Ion Ratio Lower Upper
 164 100
 162 99.5 83.4 125.0
 160 51.0 45.0 67.6

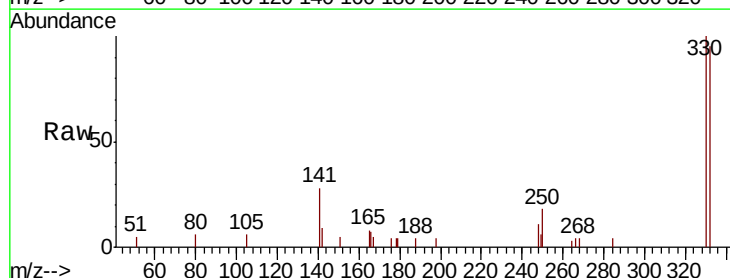


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

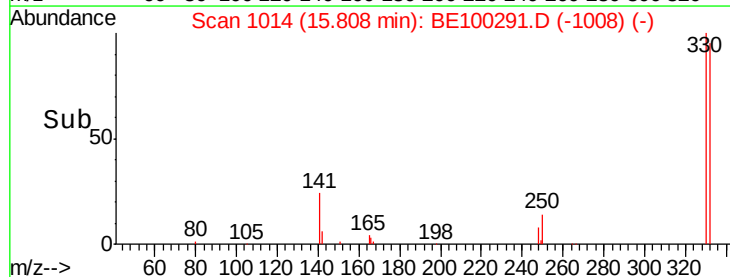
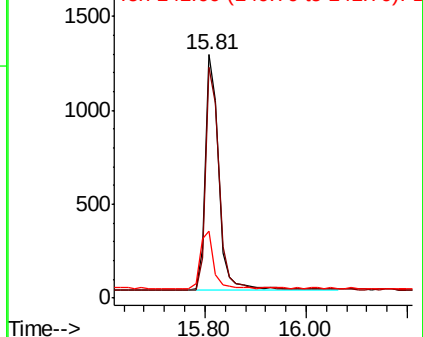


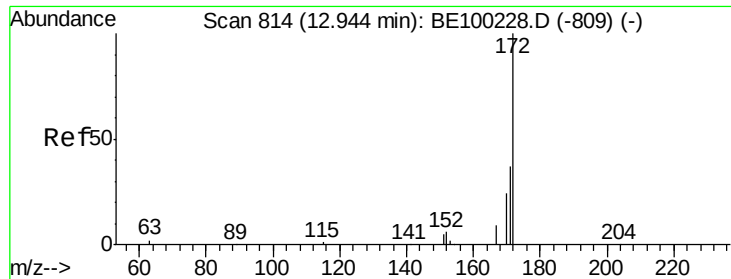
#14
 2,4,6-Tribromophenol
 Concen: 0.450 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100291.D
 Acq: 2 Jul 2019 7:45

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

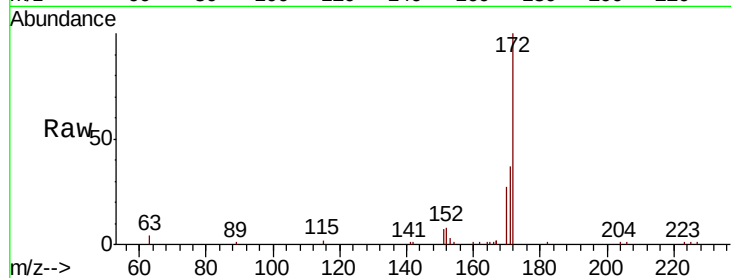




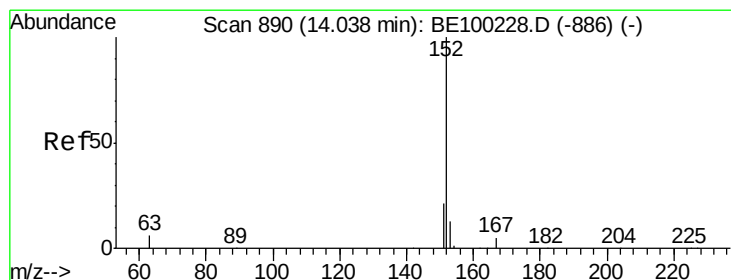
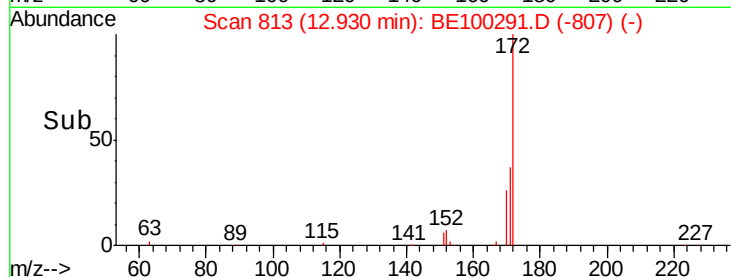
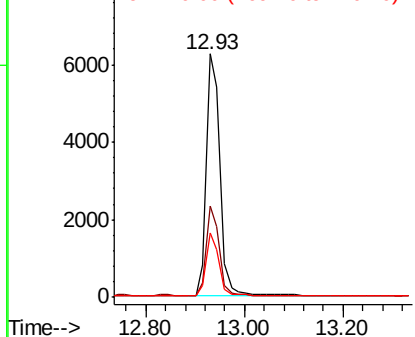
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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

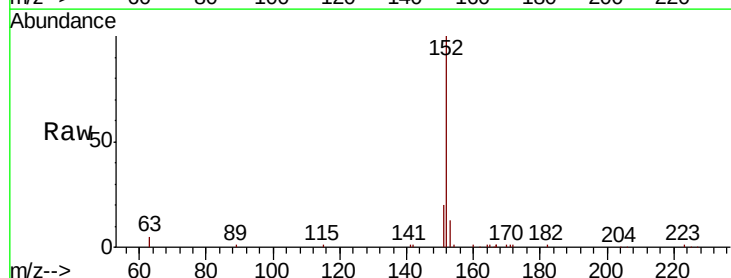


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

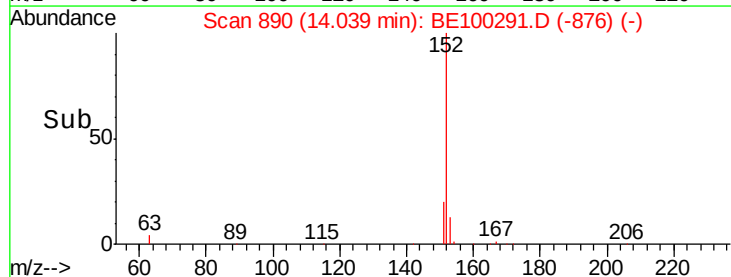
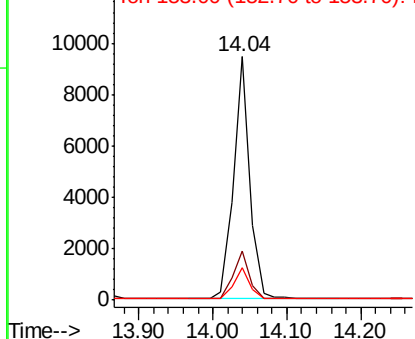


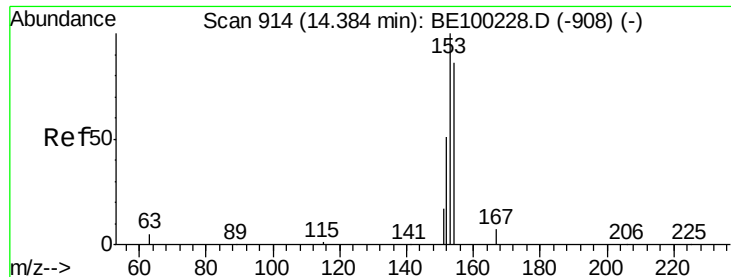
#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

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



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

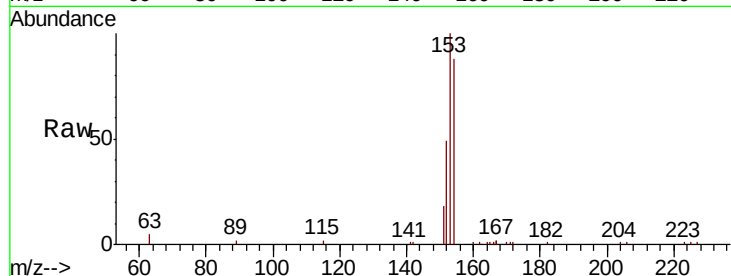




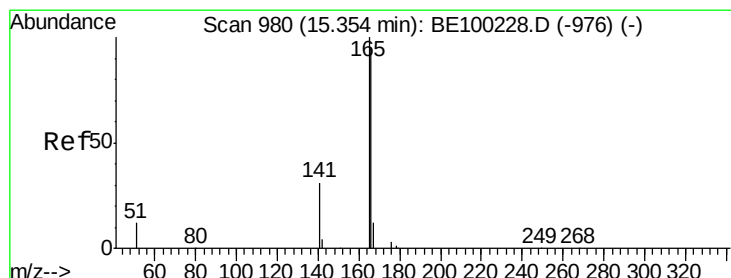
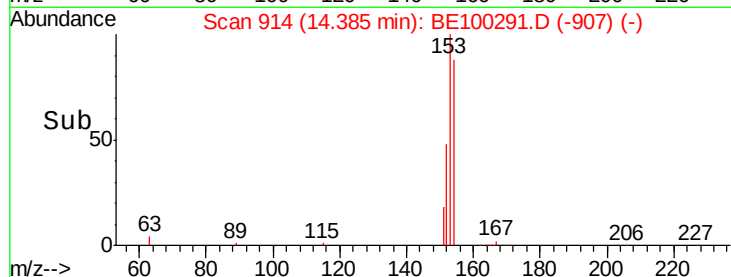
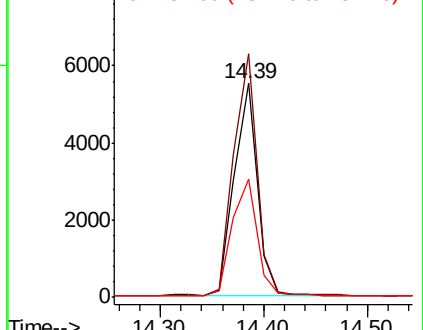
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8404
Ion Ratio Lower Upper
154 100
153 116.0 93.4 140.2
152 59.0 49.4 74.2

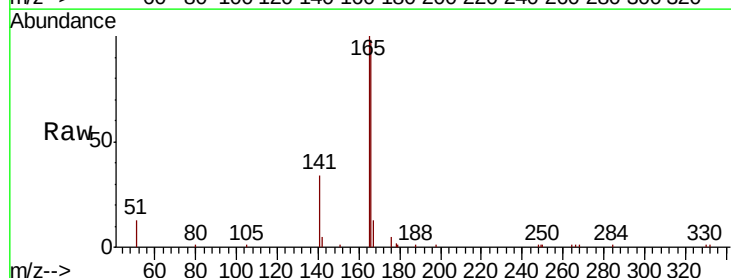


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

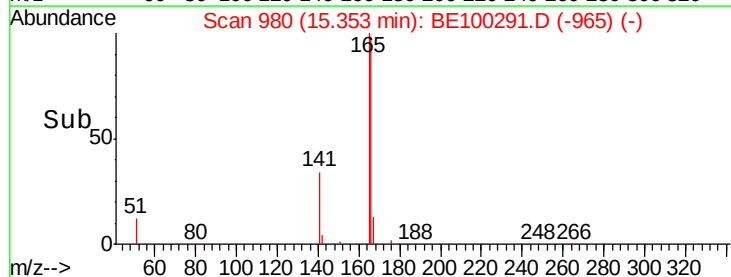
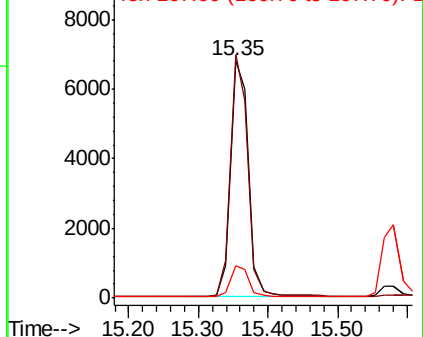


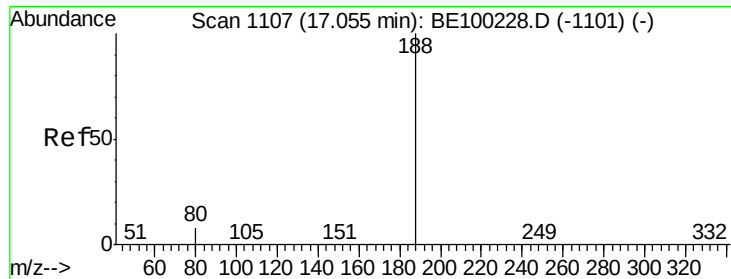
#18
Fluorene
Concen: 0.395 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

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

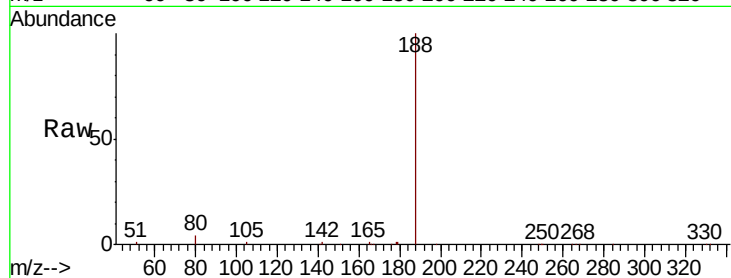
Tgt Ion:188 Resp: 20348

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

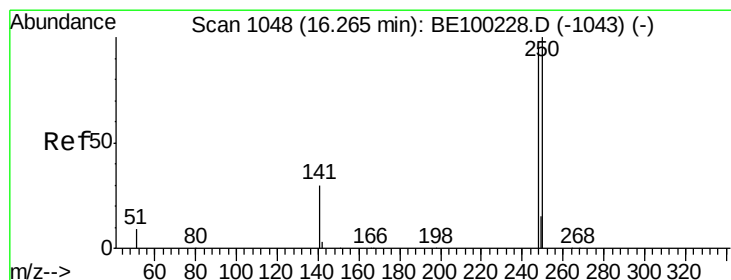
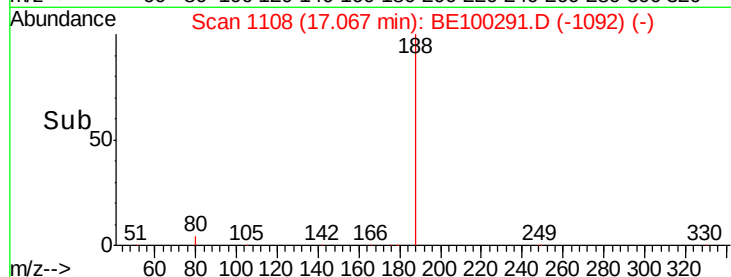
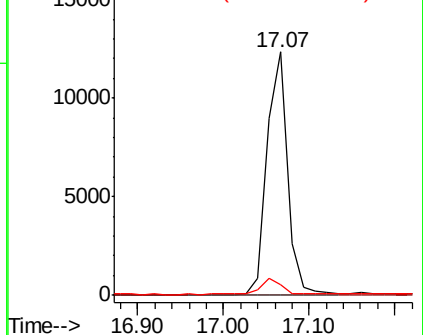
80 4.4 7.6 11.4#



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

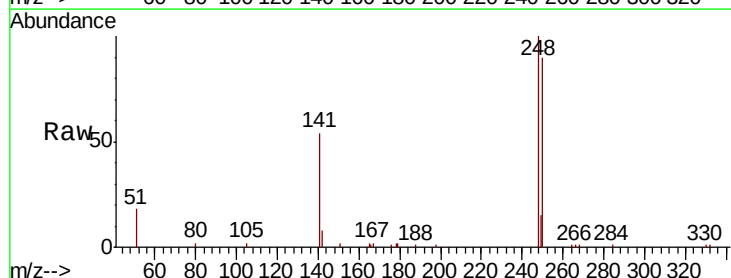
Tgt Ion:248 Resp: 5670

Ion Ratio Lower Upper

248 100

250 89.8 84.2 126.4

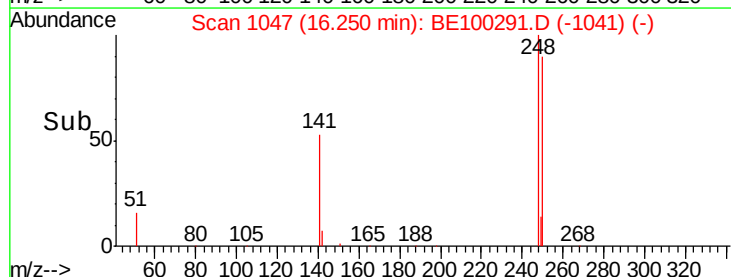
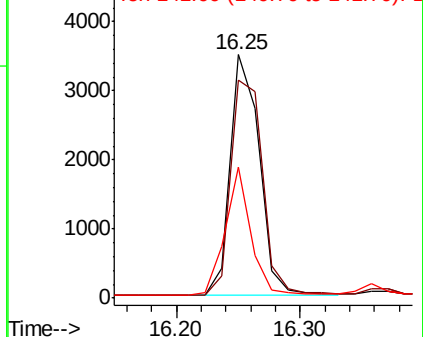
141 53.9 29.3 43.9#

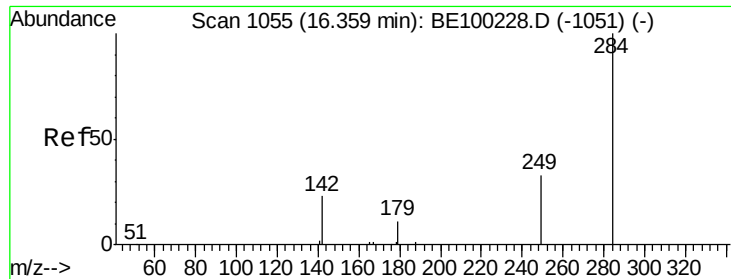


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

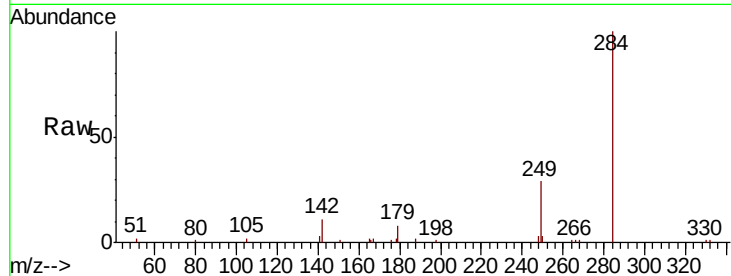




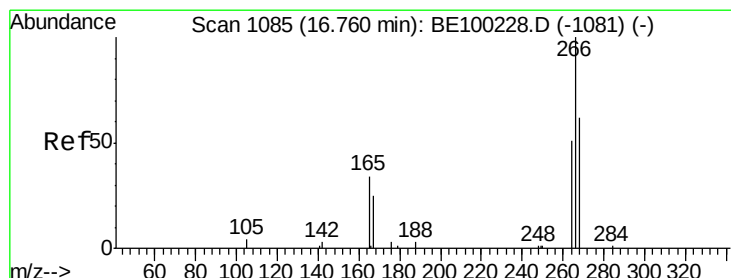
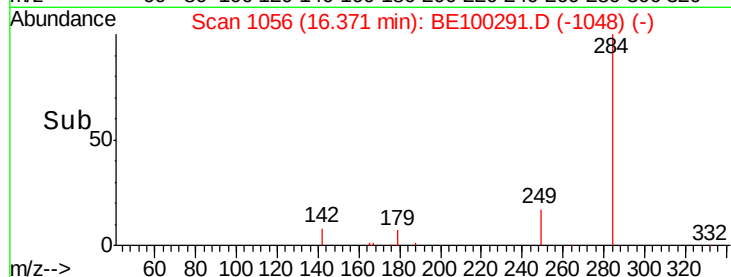
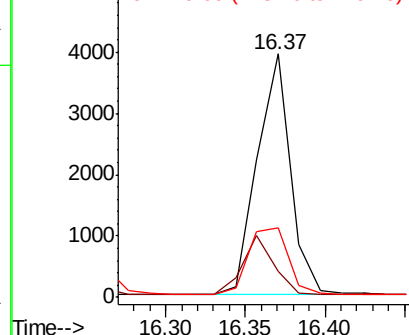
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5750
Ion Ratio Lower Upper
284 100
142 23.1 18.8 28.2
249 32.6 23.7 35.5

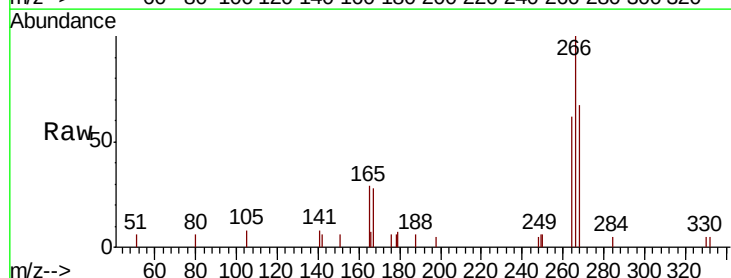


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

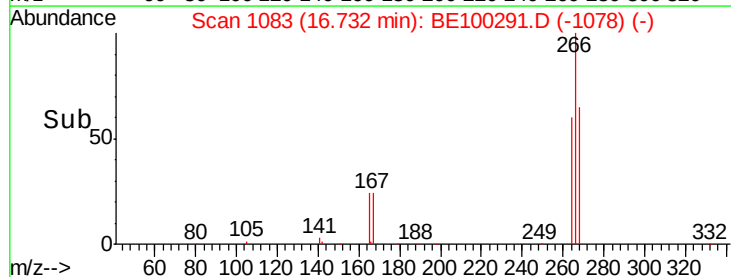
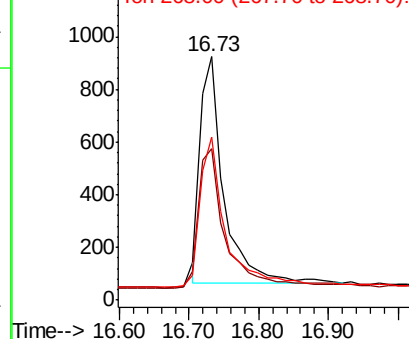


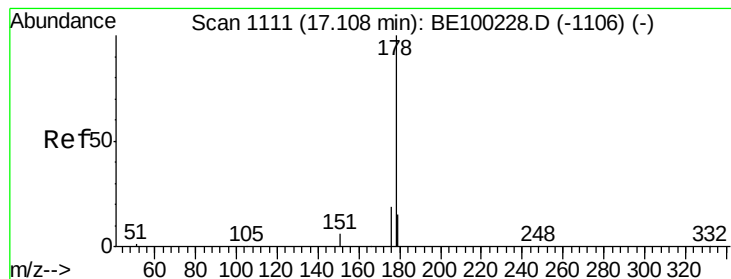
#22
Pentachlorophenol
Concen: 0.499 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

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

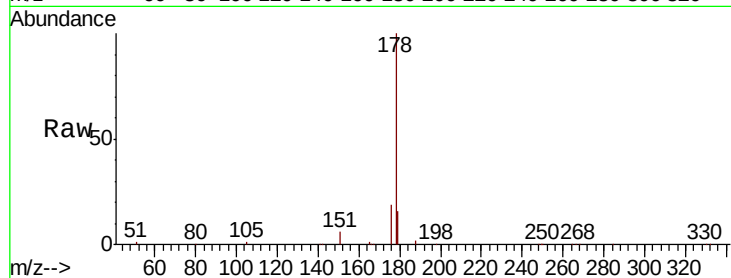
Tgt Ion:178 Resp: 20792

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

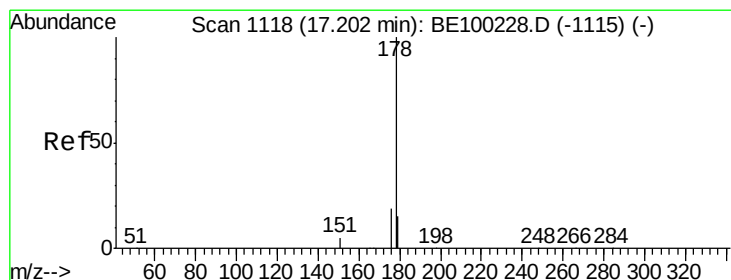
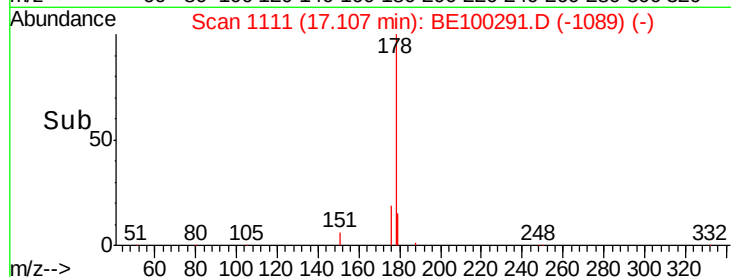
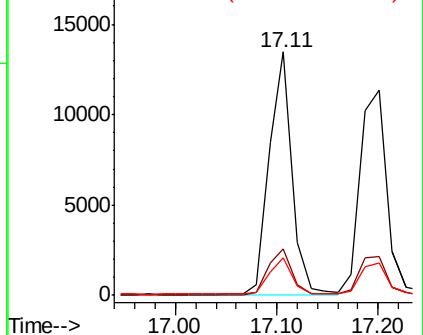
179 15.2 12.2 18.2



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: 0.461 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

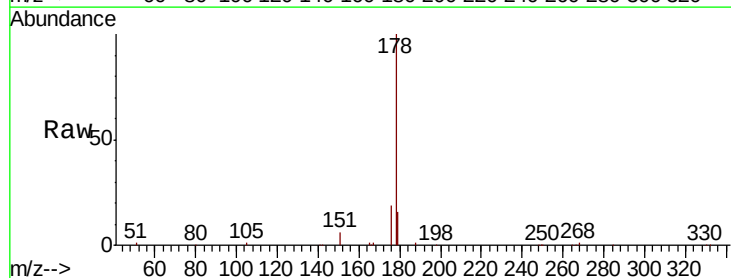
Tgt Ion:178 Resp: 20455

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

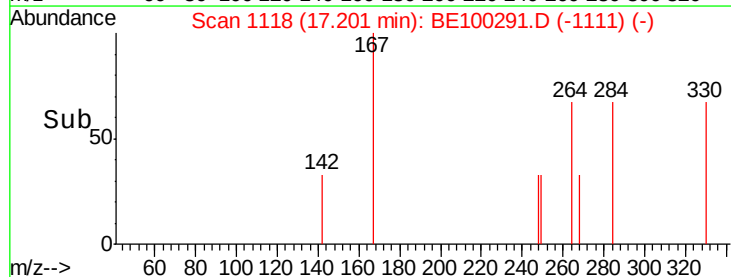
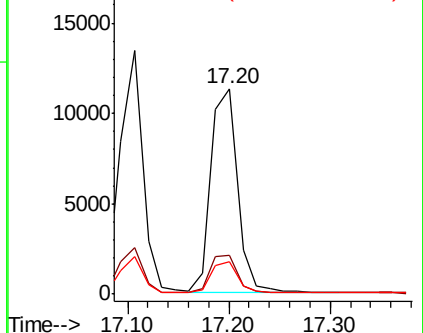
179 15.5 12.2 18.2

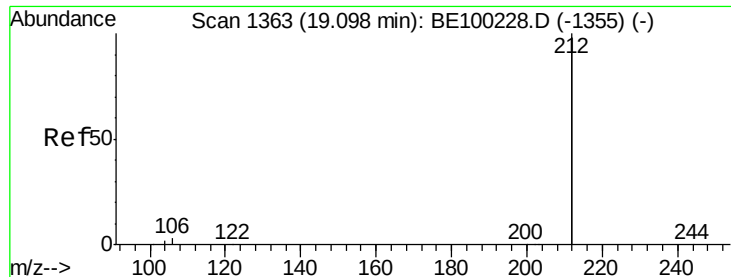


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 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

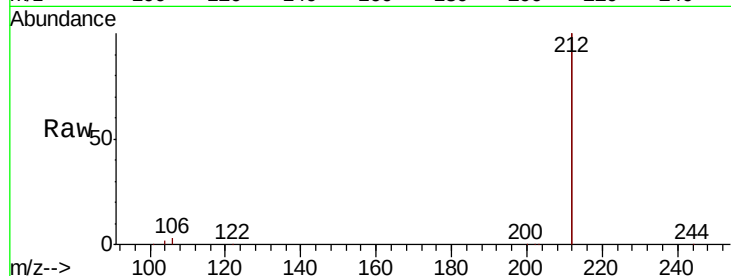
Tgt Ion:212 Resp: 116665

Ion Ratio Lower Upper

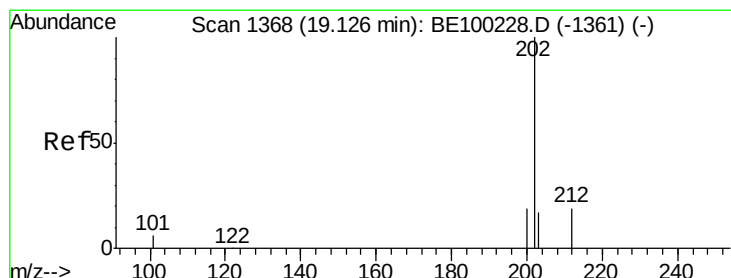
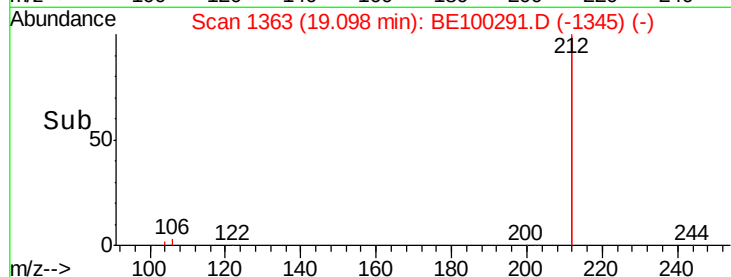
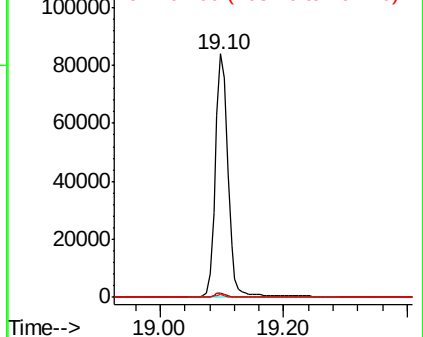
212 100

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: 0.389 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

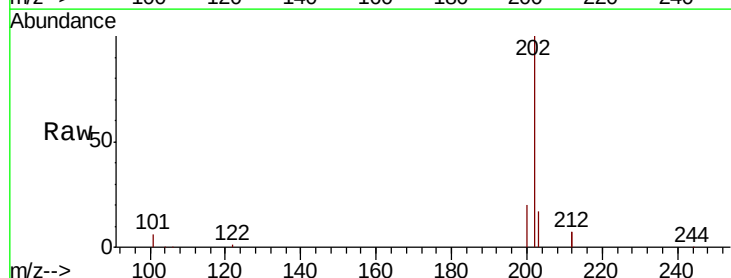
Tgt Ion:202 Resp: 30521

Ion Ratio Lower Upper

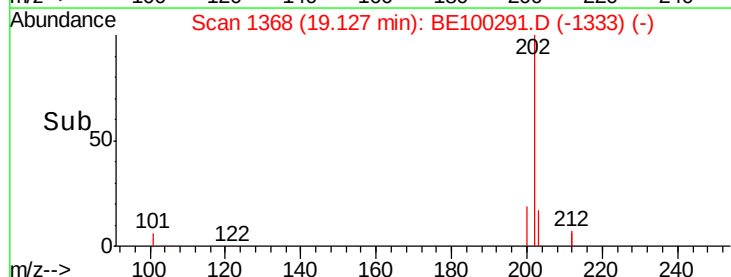
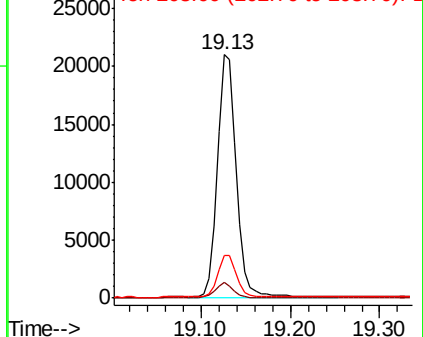
202 100

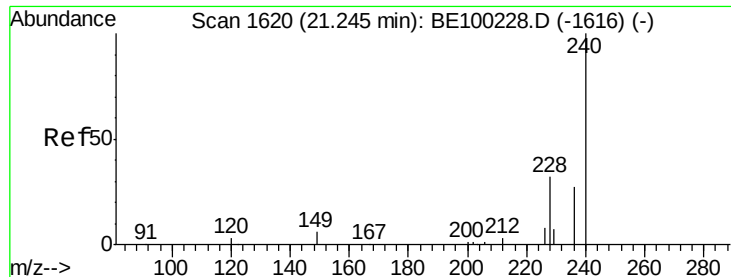
101 5.8 4.6 7.0

203 16.9 13.7 20.5



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: 21.25 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

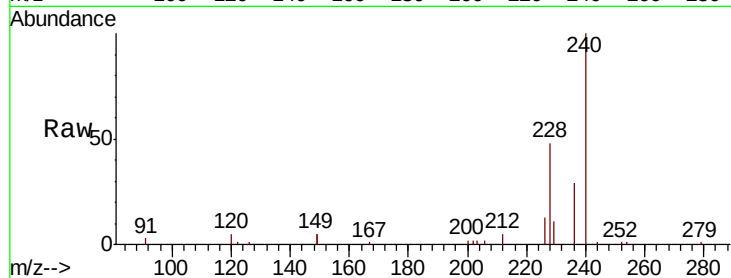
Tgt Ion:240 Resp: 24798

Ion Ratio Lower Upper

240 100

120 5.2 3.3 4.9#

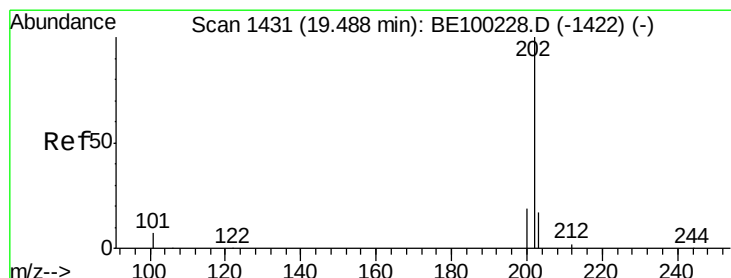
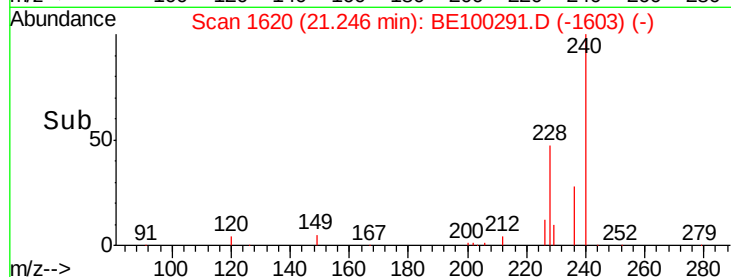
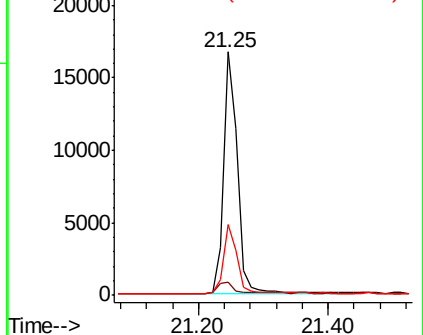
236 28.9 22.6 34.0



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

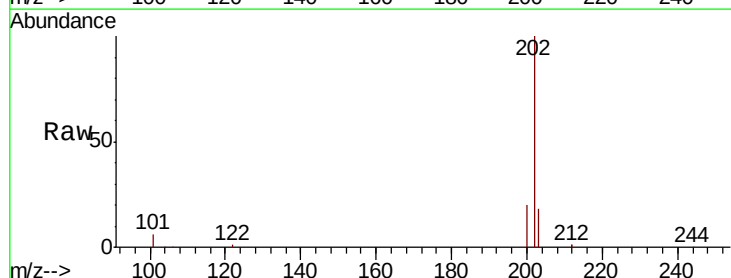
Tgt Ion:202 Resp: 31534

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

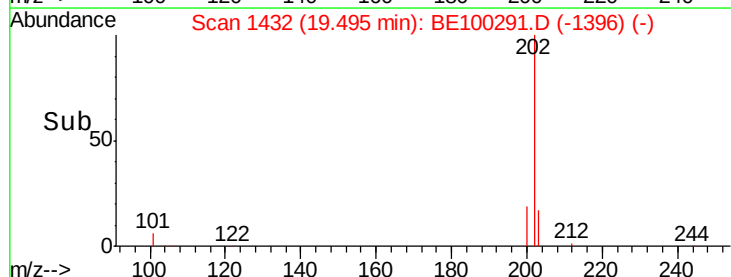
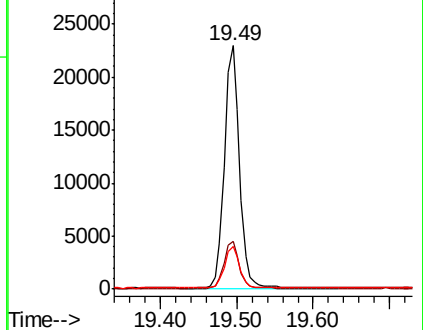
203 17.4 14.0 21.0

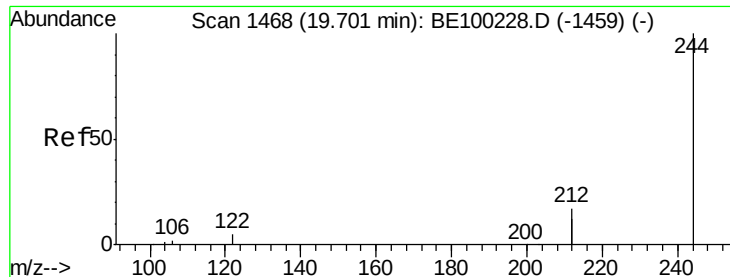


Abundance Ion 202.00 (201.70 to 202.70): E

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

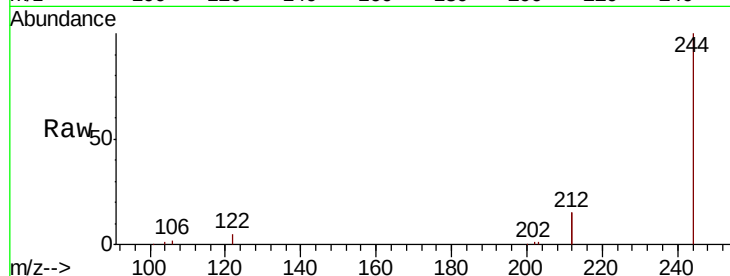
Tgt Ion:244 Resp: 24501

Ion Ratio Lower Upper

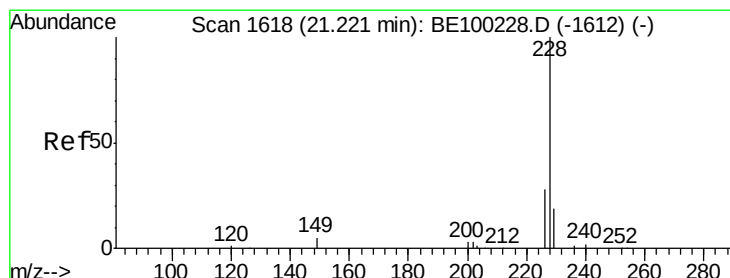
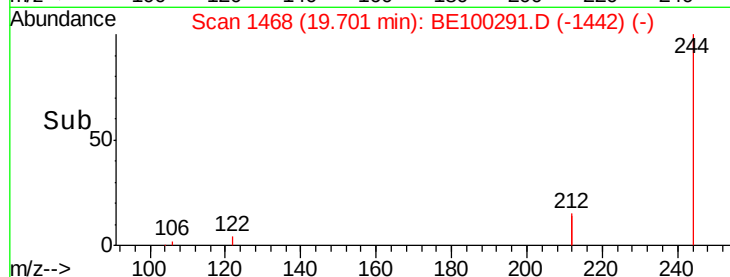
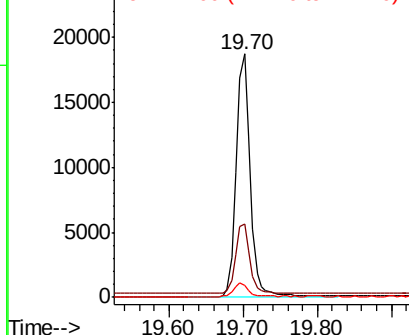
244 100

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

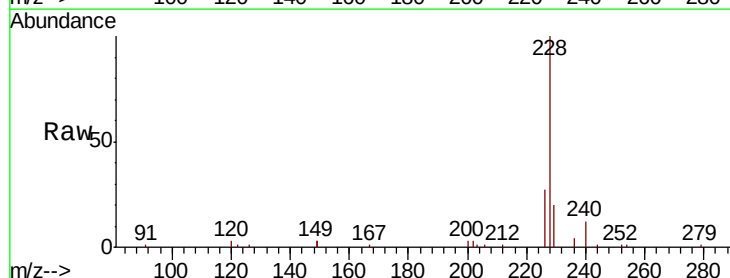
Tgt Ion:228 Resp: 36291

Ion Ratio Lower Upper

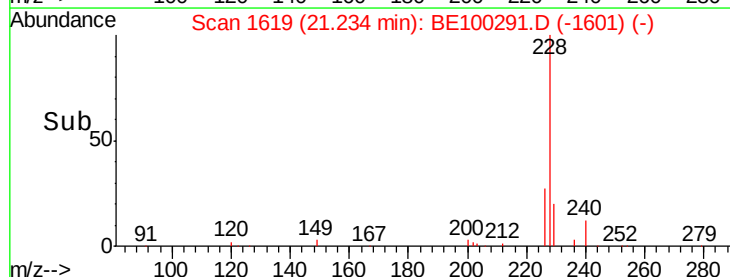
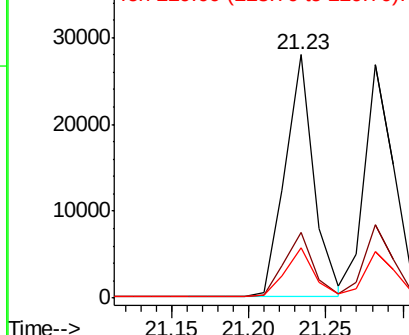
228 100

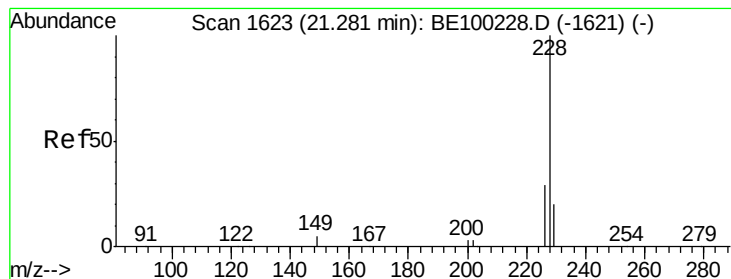
226 27.2 23.2 34.8

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

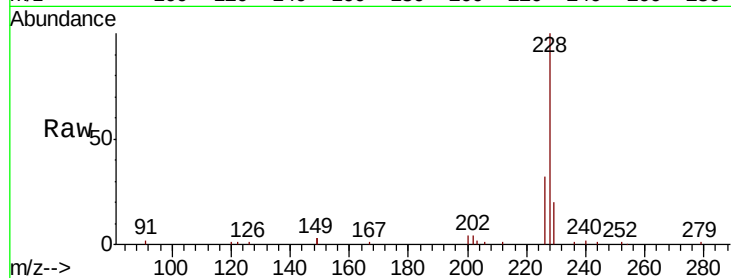
Tgt Ion:228 Resp: 35616

Ion Ratio Lower Upper

228 100

226 31.7 23.9 35.9

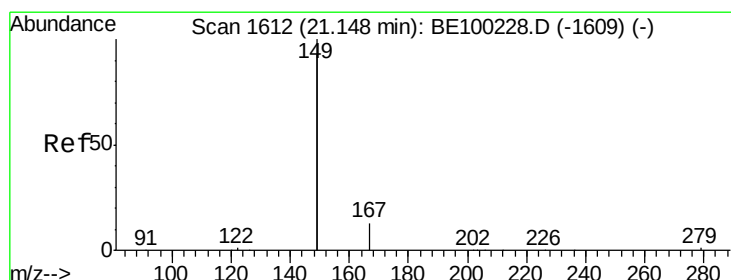
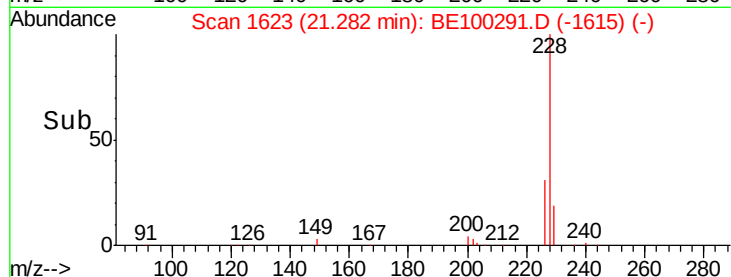
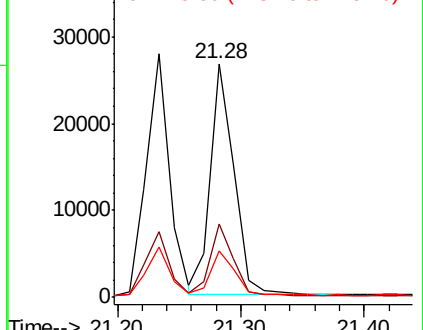
229 19.8 16.5 24.7



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

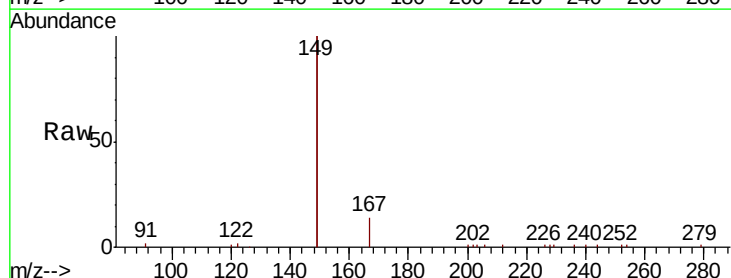
Tgt Ion:149 Resp: 56643

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

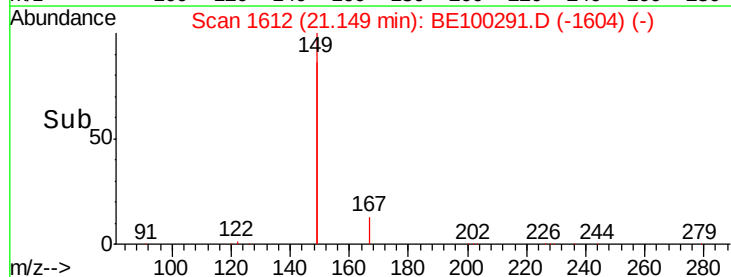
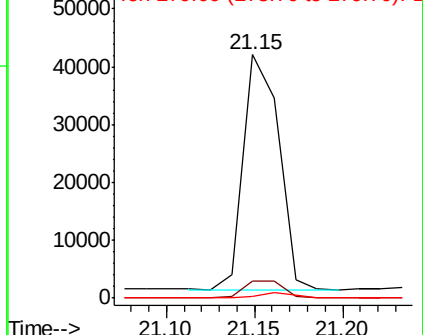
279 1.6 1.1 1.7

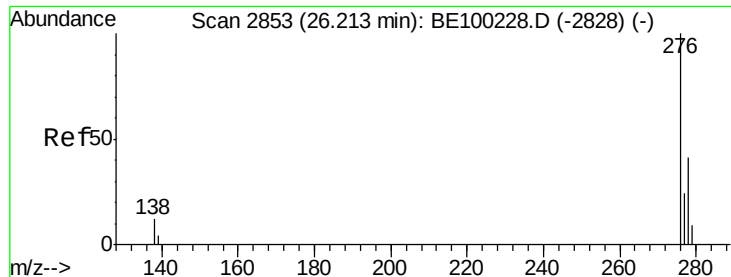


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

SSTDCCC0.4EC

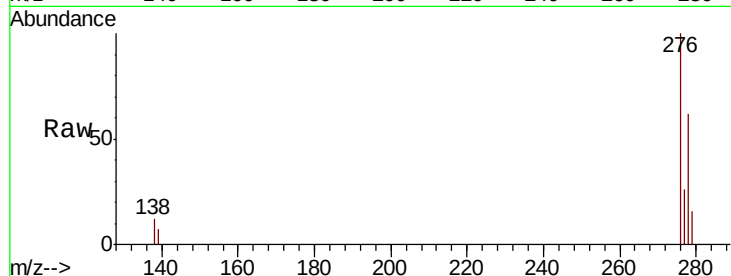
Tgt Ion:276 Resp: 39983

Ion Ratio Lower Upper

276 100

138 11.4 9.4 14.0

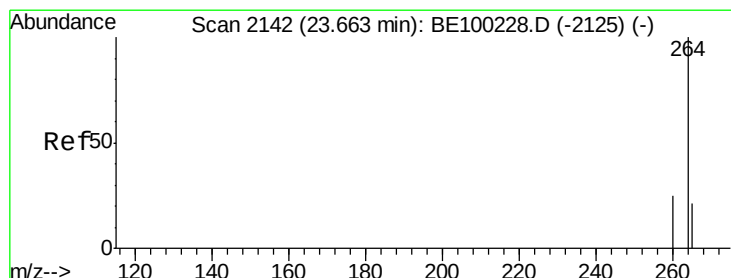
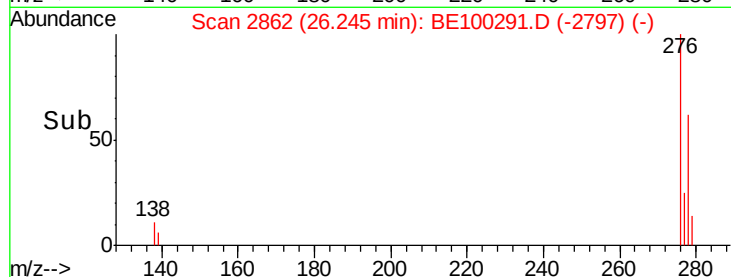
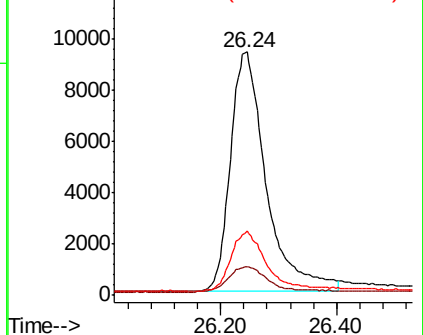
277 24.4 19.2 28.8



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: 23.68 min Scan# 2147

Delta R.T. 0.02 min

Lab File: BE100291.D

Acq: 2 Jul 2019 7:45

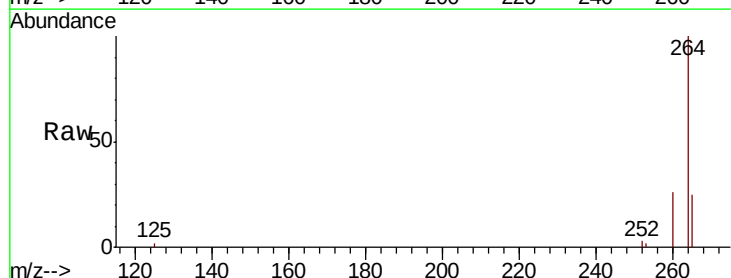
Tgt Ion:264 Resp: 29936

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

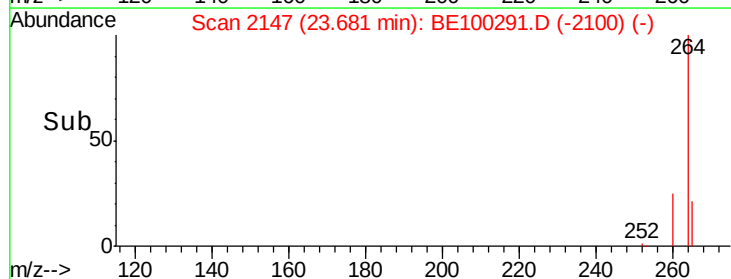
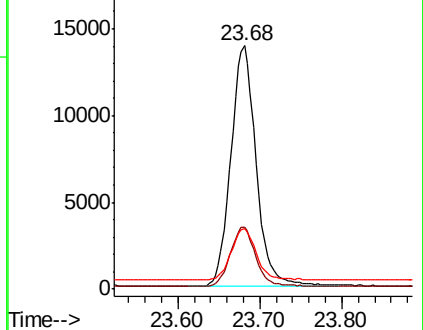
265 24.9 21.8 32.6

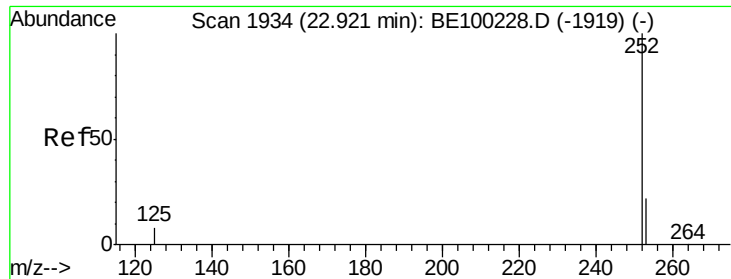


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

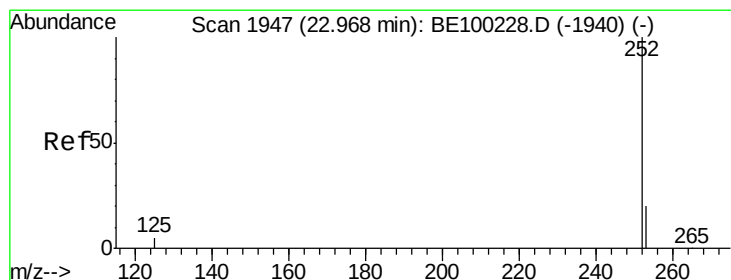
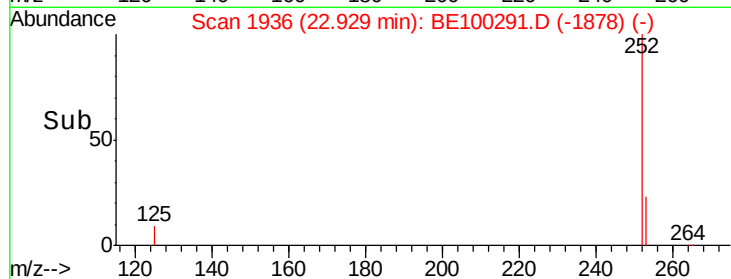
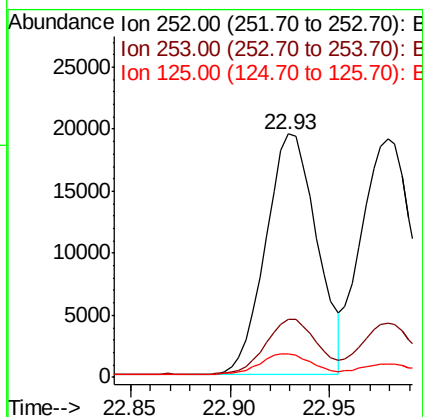
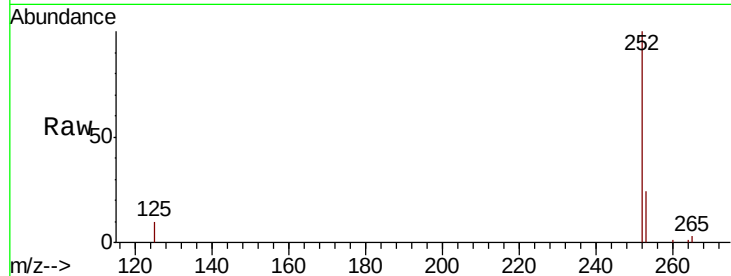




#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100291.D
Acq: 2 Jul 2019 7:45

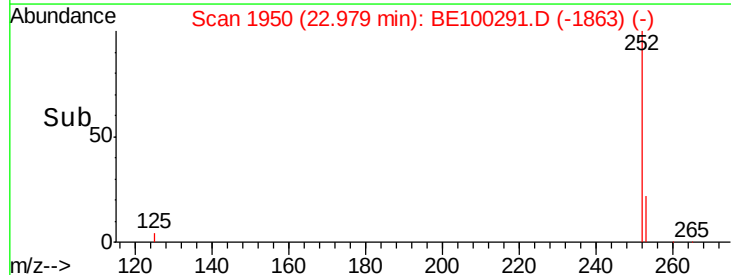
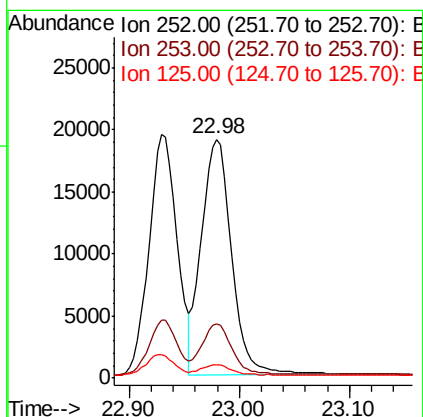
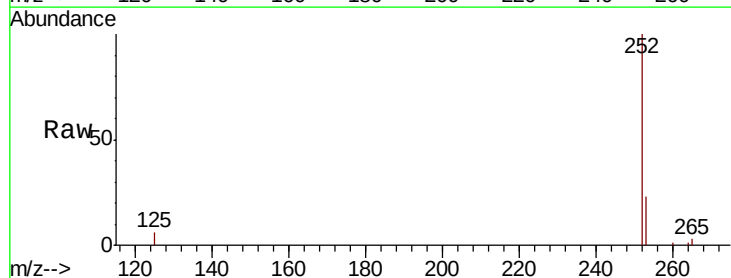
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

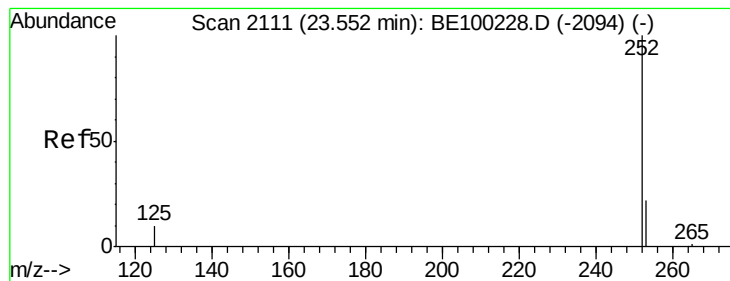
Tgt Ion:252 Resp: 34762
Ion Ratio Lower Upper
252 100
253 24.1 19.2 28.8
125 9.8 7.4 11.0



#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





#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

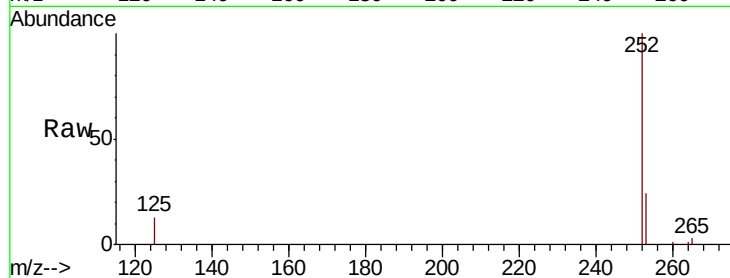
Tgt Ion:252 Resp: 34232

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

125 13.4 9.0 13.6

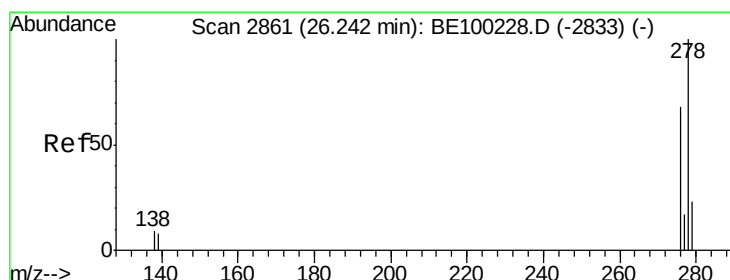
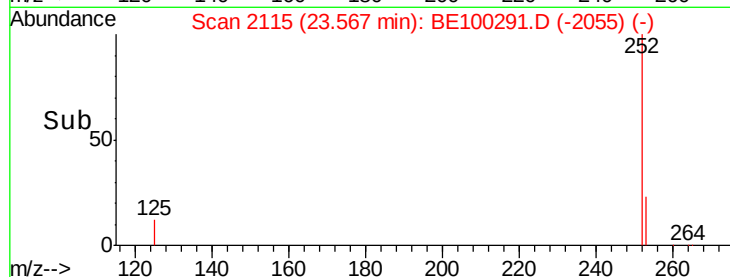
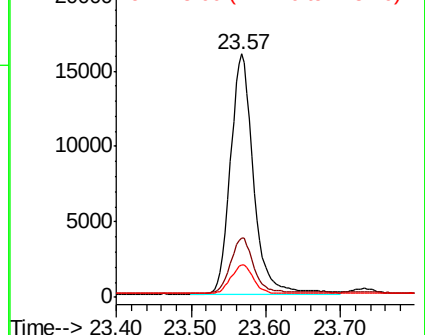


Abundance

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

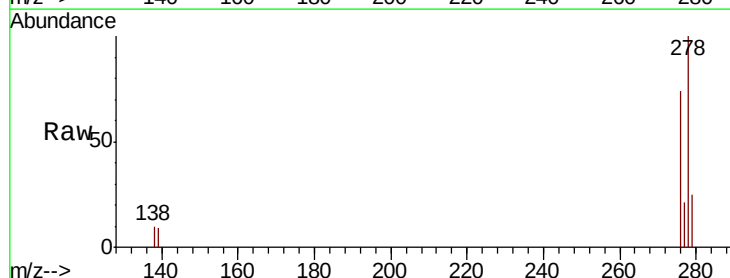
Tgt Ion:278 Resp: 33733

Ion Ratio Lower Upper

278 100

139 9.1 8.2 12.2

279 25.2 20.3 30.5

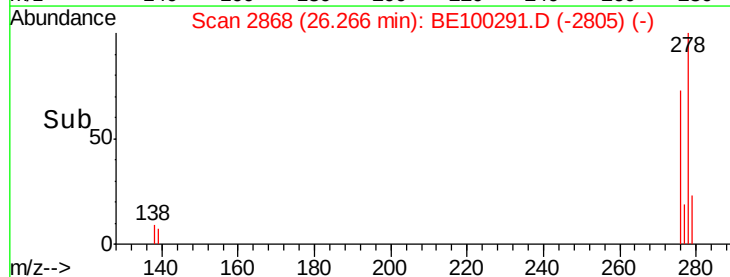
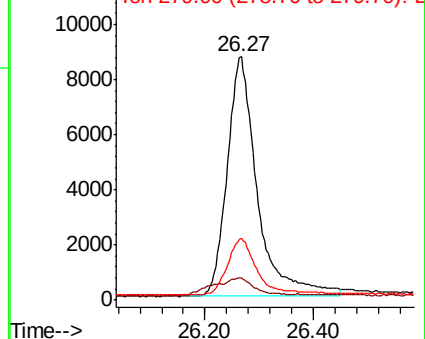


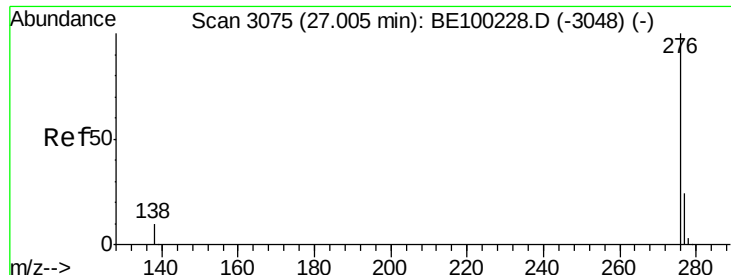
Abundance

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(g,h,i)perylene

Concen: 0.350 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.02 min

Lab File: BE100291.D

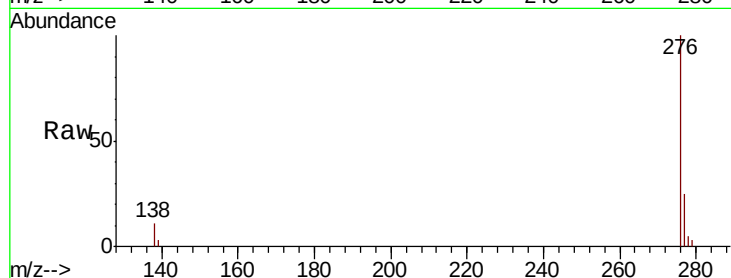
Acq: 2 Jul 2019 7:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



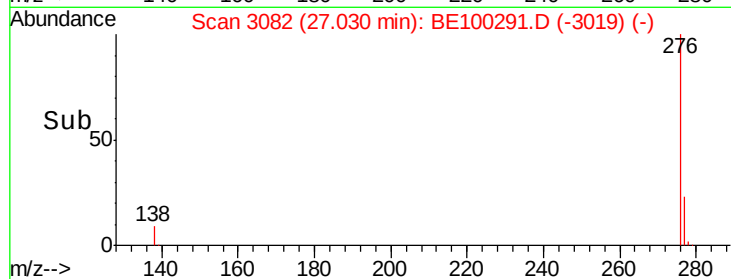
Tgt Ion: 276 Resp: 30535

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.2

138 10.9 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

