

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100238.D
 Acq On : 28 Jun 2019 17:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc : LOQ-W-0.2PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 29 00:01:03 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	7.65	152	465	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	1591	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1290	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	3923	0.40	ng	0.01
27) Chrysene-d12	21.24	240	6106	0.40	ng	0.00
34) Perylene-d12	23.67	264	7249	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	471	0.40	ng	0.00
5) Phenol-d6	6.84	99	535	0.34	ng	0.00
8) Nitrobenzene-d5	8.82	82	635	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	1278	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	337	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2086	0.41	ng	0.01
25) Fluoranthene-d10	19.10	212	23565	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	4974	0.39	ng	0.00

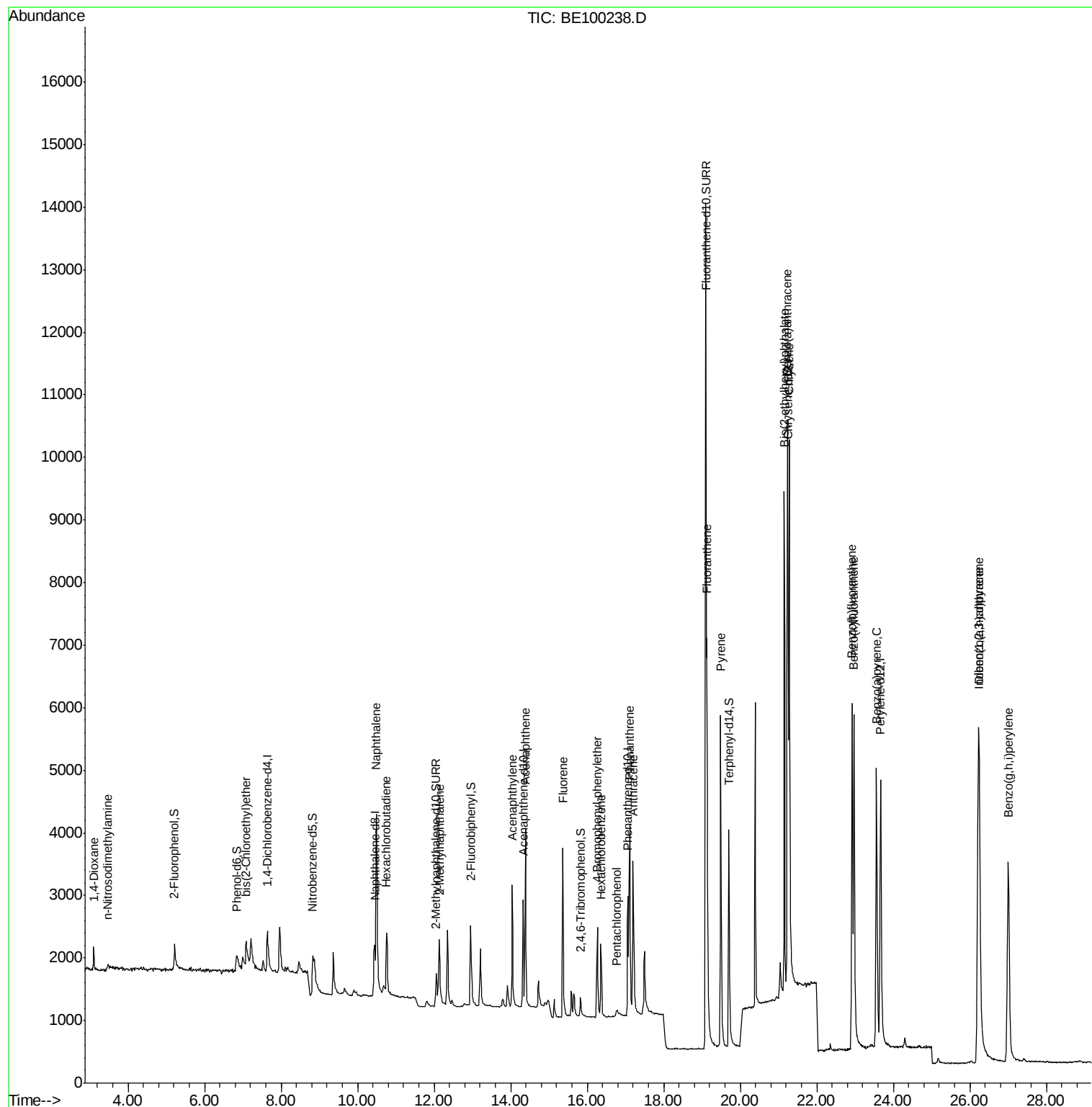
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	304	0.421	ng	94
3) n-Nitrosodimethylamine	3.48	42	86	0.256	ng	# 37
6) bis(2-Chloroethyl)ether	7.09	93	562	0.439	ng	91
9) Naphthalene	10.48	128	7379	0.421	ng	99
10) Hexachlorobutadiene	10.76	225	778	0.460	ng	98
12) 2-Methylnaphthalene	12.14	142	1195	0.388	ng	95
16) Acenaphthylene	14.04	152	2635	0.426	ng	98
17) Acenaphthene	14.38	154	1466	0.418	ng	96
18) Fluorene	15.37	166	2168	0.418	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	1084	0.433	ng	95
21) Hexachlorobenzene	16.36	284	1142	0.439	ng	97
22) Pentachlorophenol	16.77	266	214	0.274	ng	# 88
23) Phenanthrene	17.11	178	3944	0.415	ng	100
24) Anthracene	17.20	178	3499	0.409	ng	98
26) Fluoranthene	19.13	202	6439	0.425	ng	99
28) Pyrene	19.49	202	6390	0.395	ng	99
30) Benzo(a)anthracene	21.23	228	7914	0.394	ng	98
31) Chrysene	21.28	228	8630	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	10070	0.297	ng	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	11008	0.413	ng	100
35) Benzo(b)fluoranthene	22.92	252	8130	0.414	ng	99
36) Benzo(k)fluoranthene	22.97	252	9362	0.427	ng	98
37) Benzo(a)pyrene	23.56	252	8654	0.439	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	8595	0.418	ng	99
39) Benzo(g,h,i)perylene	27.01	276	9134	0.432	ng	98

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

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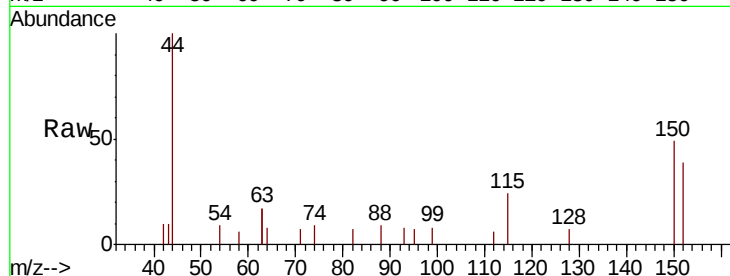


#1

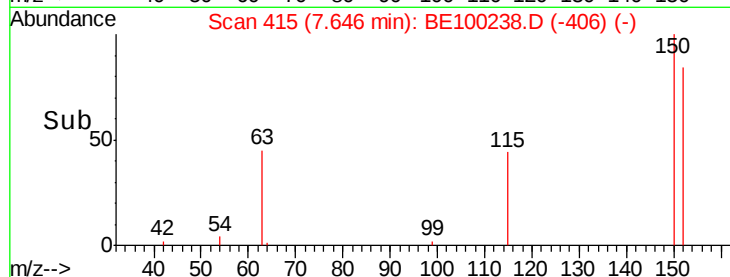
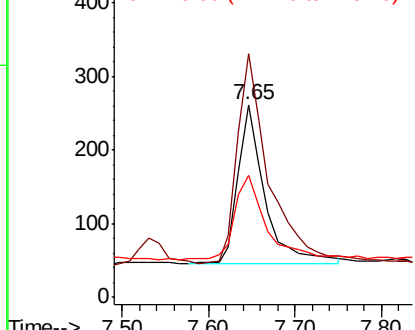
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 465
Ion Ratio Lower Upper
152 100
150 126.3 114.5 171.7
115 63.0 57.1 85.7



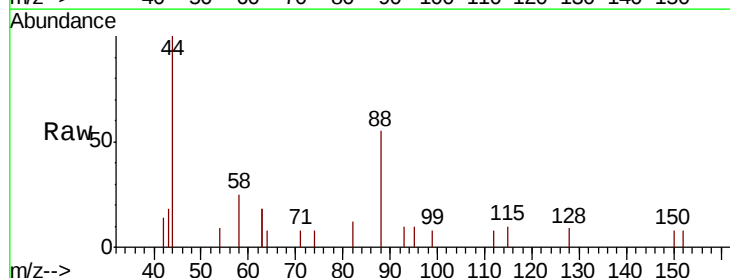
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



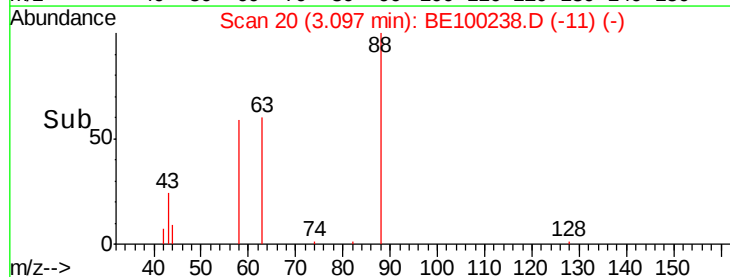
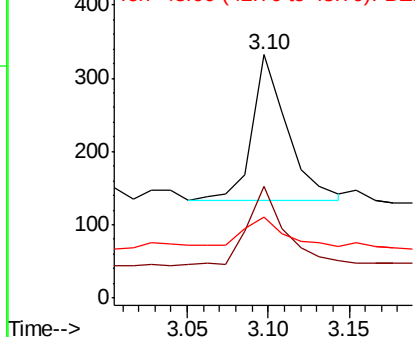
#2

1,4-Dioxane
Concen: 0.421 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion: 88 Resp: 304
Ion Ratio Lower Upper
88 100
58 57.9 43.6 65.4
43 22.0 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: 0.256 ng

RT: 3.48 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

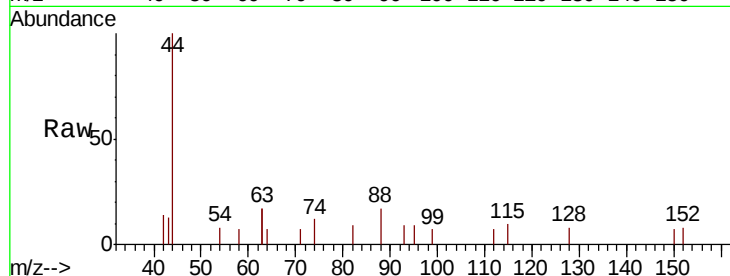
Tgt Ion: 42 Resp: 86

Ion Ratio Lower Upper

42 100

74 141.9 130.6 196.0

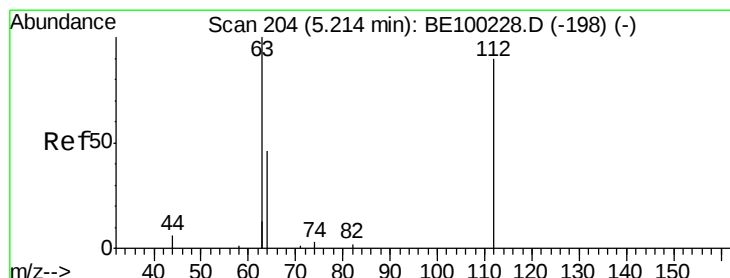
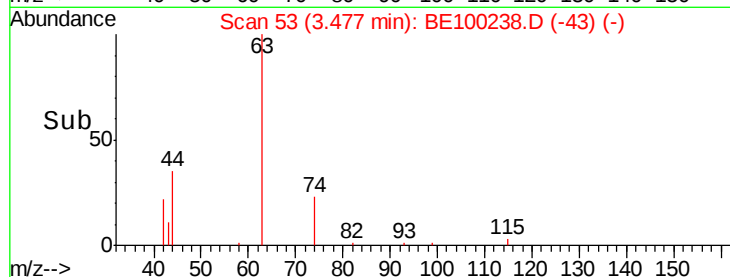
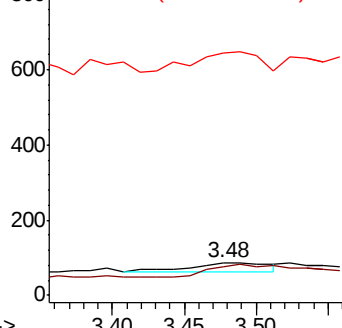
44 197.7 38.0 57.0#



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# 204

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

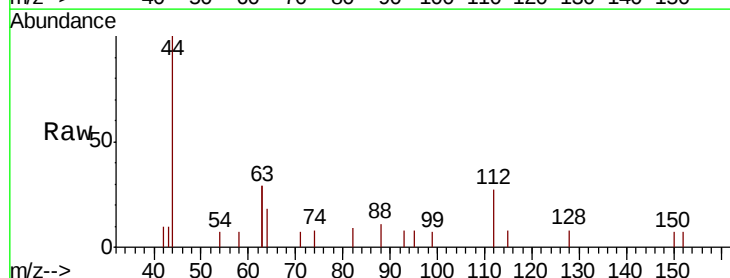
Tgt Ion: 112 Resp: 471

Ion Ratio Lower Upper

112 100

64 54.6 39.4 59.0

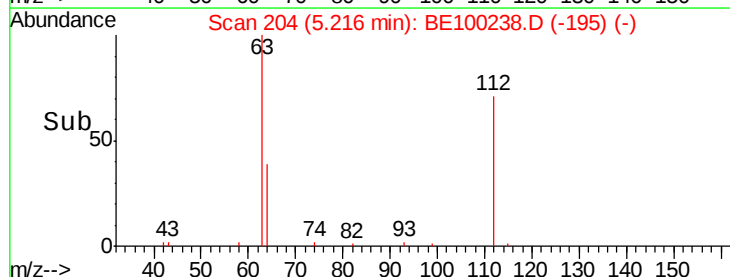
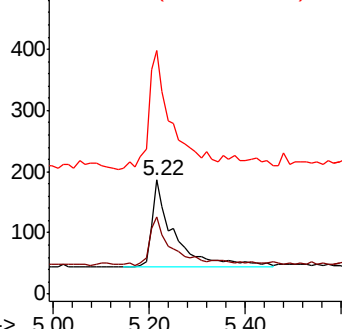
63 137.4 104.5 156.7

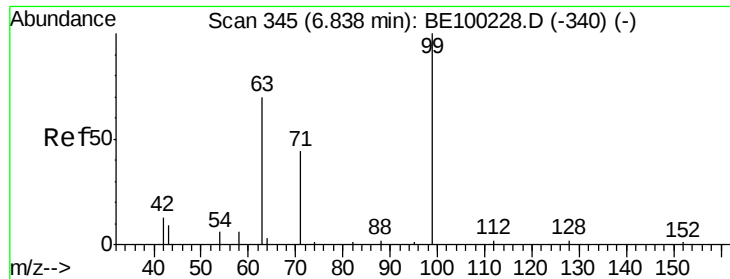


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

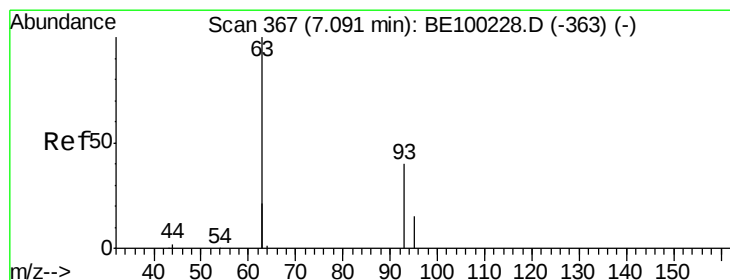
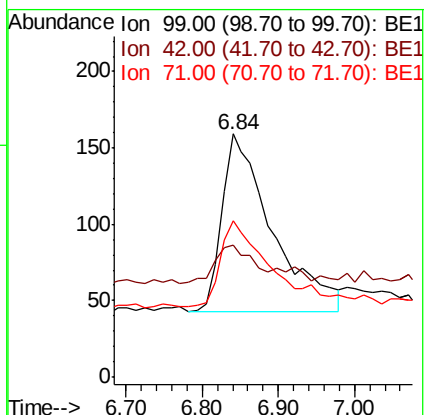
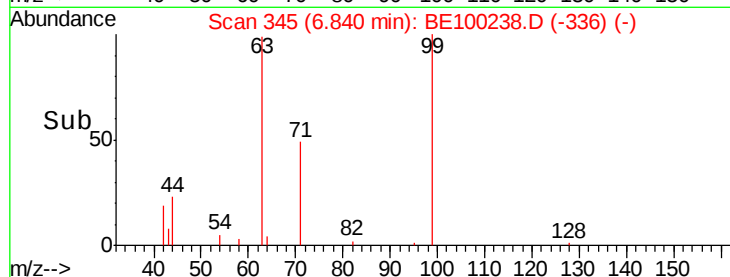
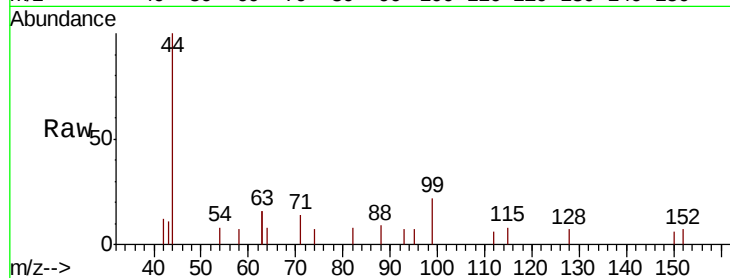
Tgt Ion: 99 Resp: 535

Ion Ratio Lower Upper

99 100

42 16.6 11.2 16.8

71 49.7 37.2 55.8



#6

bis(2-Chloroethyl)ether

Concen: 0.439 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

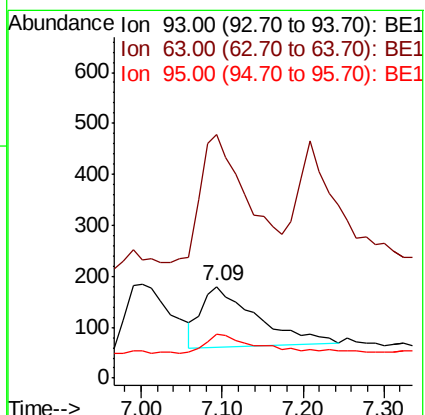
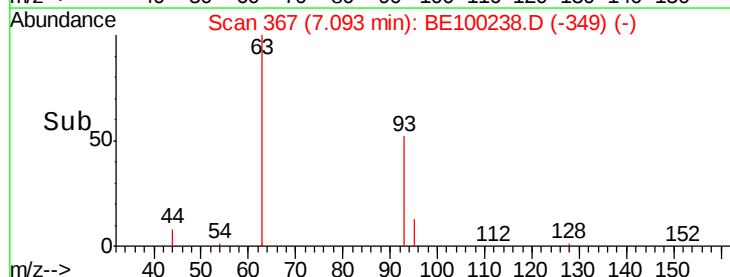
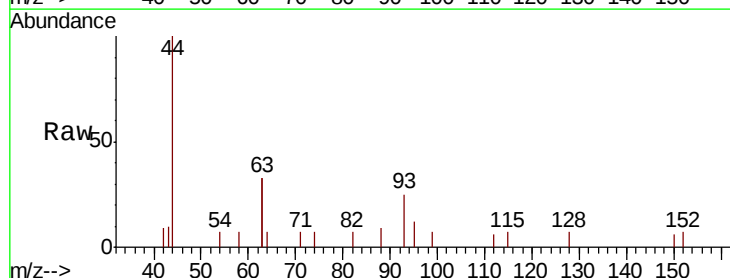
Tgt Ion: 93 Resp: 562

Ion Ratio Lower Upper

93 100

63 179.7 155.6 233.4

95 27.6 23.0 34.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 1591

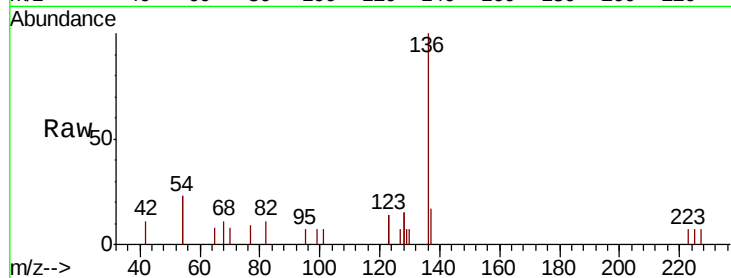
Ion Ratio Lower Upper

136 100

137 17.4 11.8 17.8

54 45.4 27.7 41.5#

68 10.9 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

10.45

600

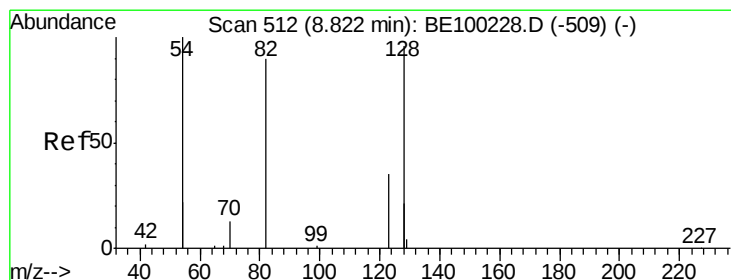
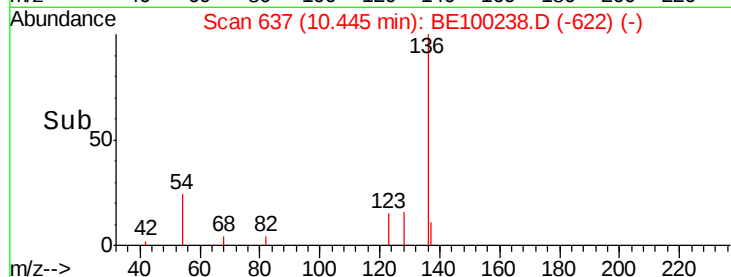
400

200

0

10.40 10.60

Time-->



#8

Nitrobenzene-d5

Concen: 0.402 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

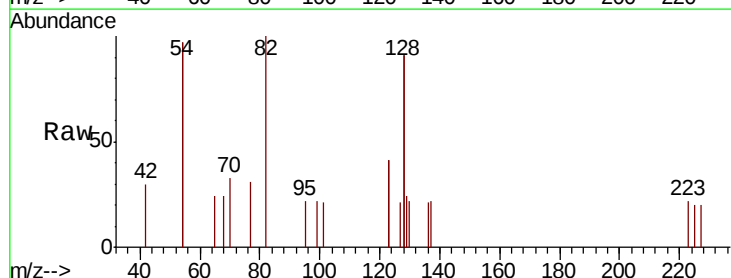
Tgt Ion: 82 Resp: 635

Ion Ratio Lower Upper

82 100

128 181.6 140.9 211.3

54 193.5 146.2 219.2



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

8.82

600

500

400

300

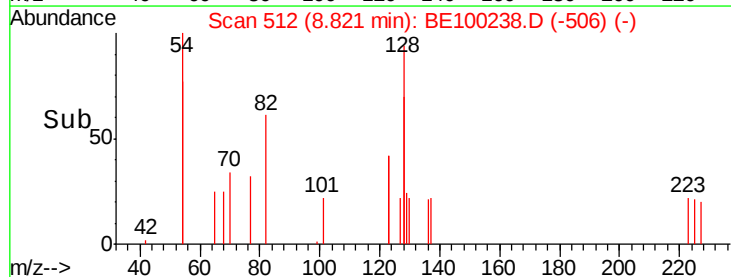
200

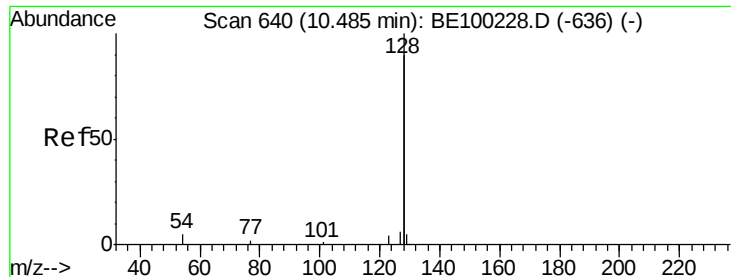
100

0

8.70 8.80 8.90 9.00

Time-->





#9

Naphthalene

Concen: 0.421 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

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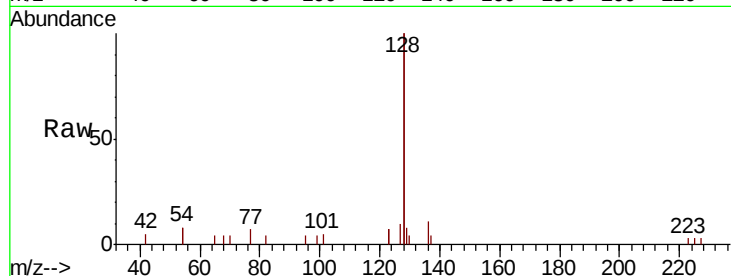
Tgt Ion:128 Resp: 7379

Ion Ratio Lower Upper

128 100

129 4.2 3.0 4.6

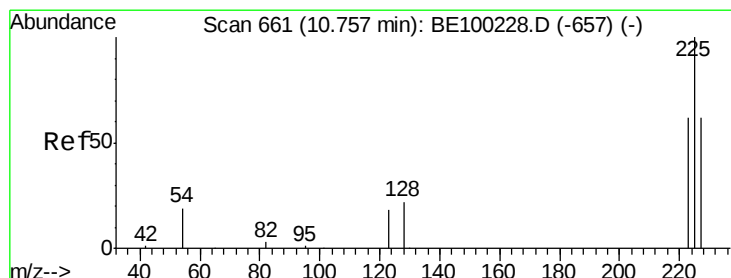
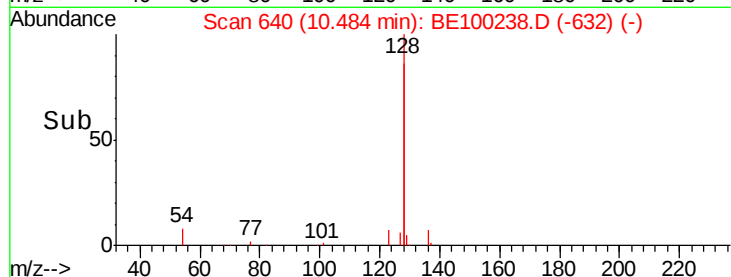
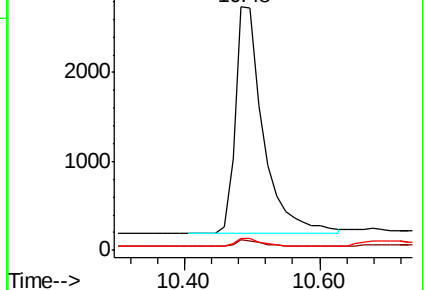
127 4.9 3.5 5.3



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: 0.460 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

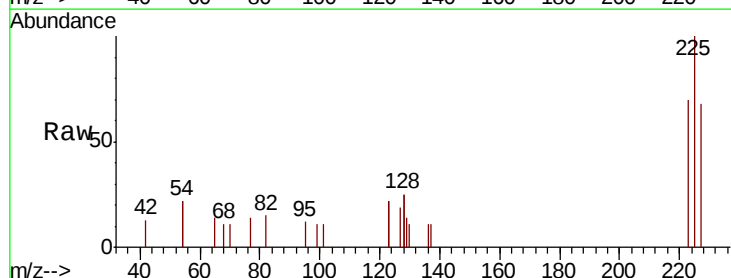
Tgt Ion:225 Resp: 778

Ion Ratio Lower Upper

225 100

223 63.0 49.1 73.7

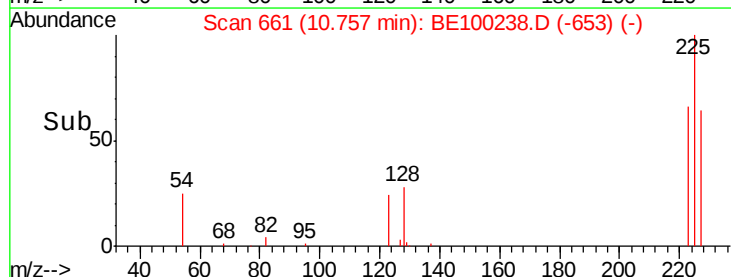
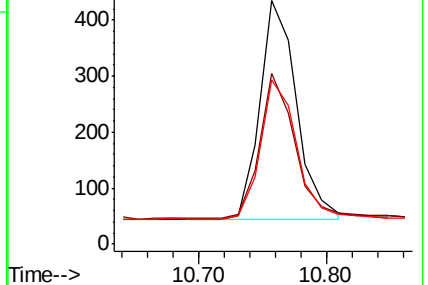
227 63.1 49.3 73.9

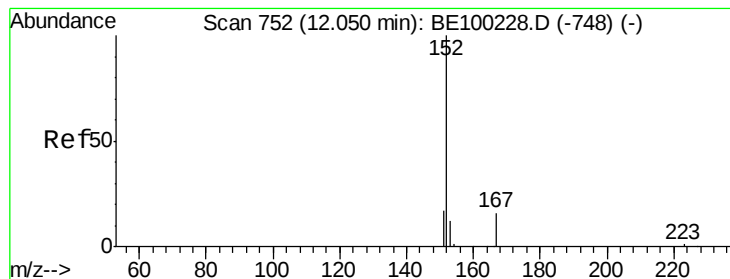


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

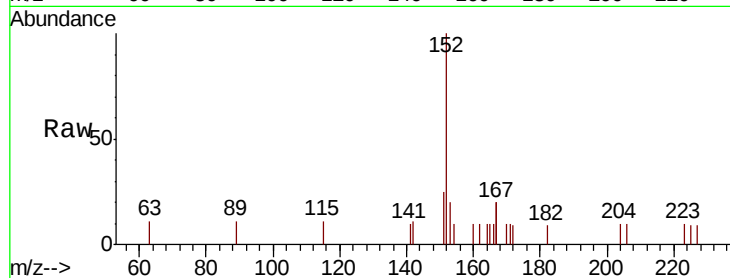
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1278

Ion Ratio Lower Upper

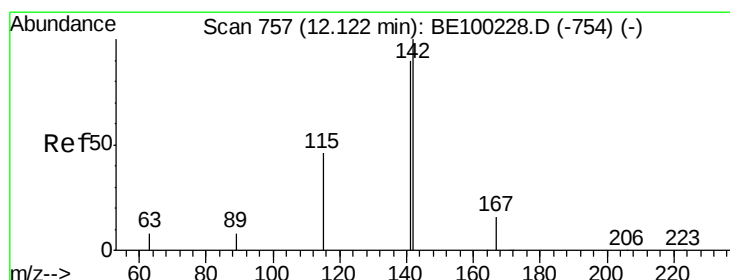
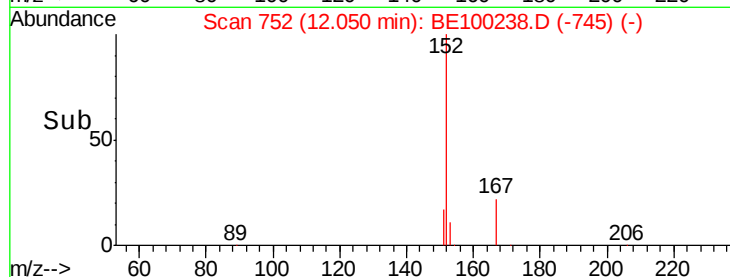
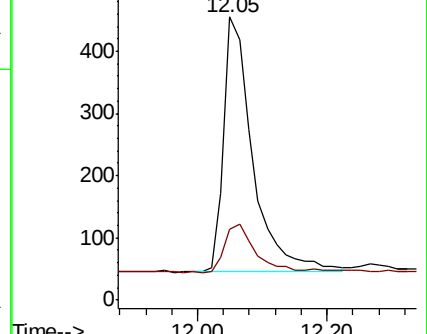
152 100

151 19.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

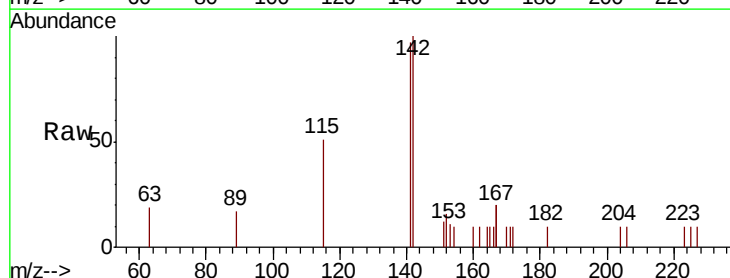
Tgt Ion:142 Resp: 1195

Ion Ratio Lower Upper

142 100

141 97.3 72.4 108.6

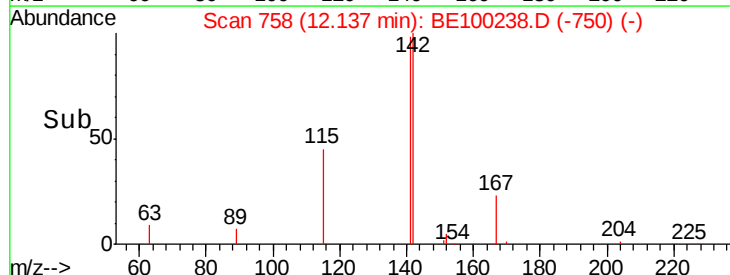
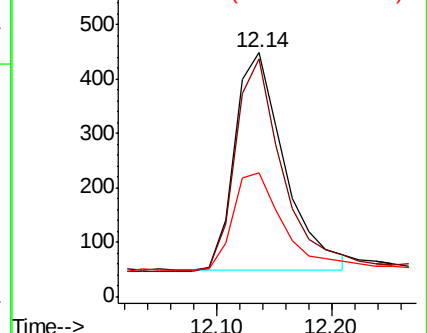
115 50.9 40.4 60.6



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

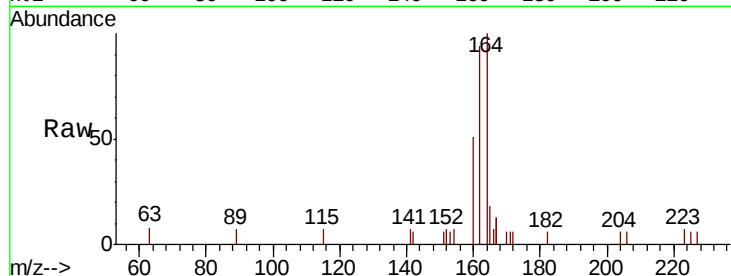




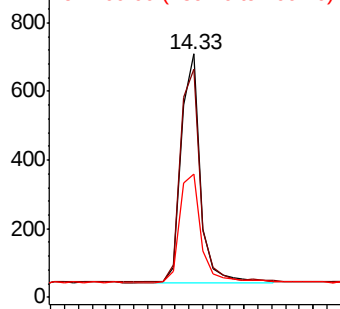
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BE100238.D
 Acq: 28 Jun 2019 17:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

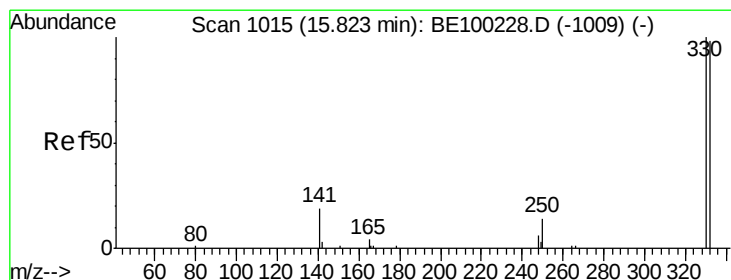
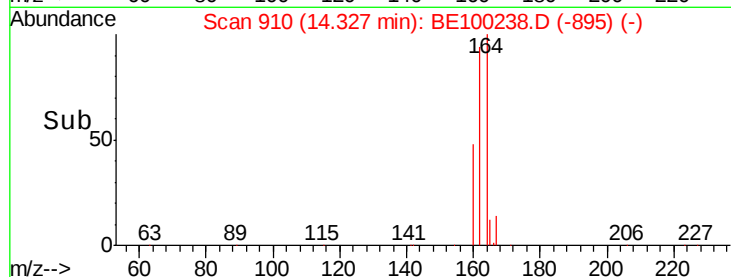
Tgt Ion:164 Resp: 1290
 Ion Ratio Lower Upper
 164 100
 162 93.9 83.4 125.0
 160 50.8 45.0 67.6



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

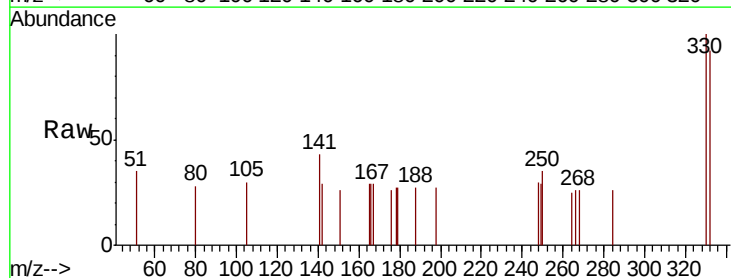


Time-->

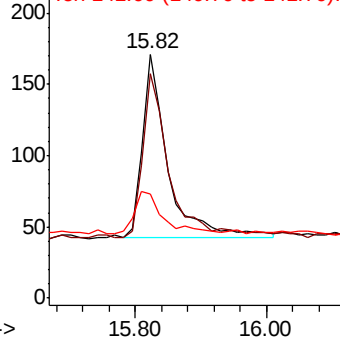


#14
 2,4,6-Tribromophenol
 Concen: 0.373 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE100238.D
 Acq: 28 Jun 2019 17:14

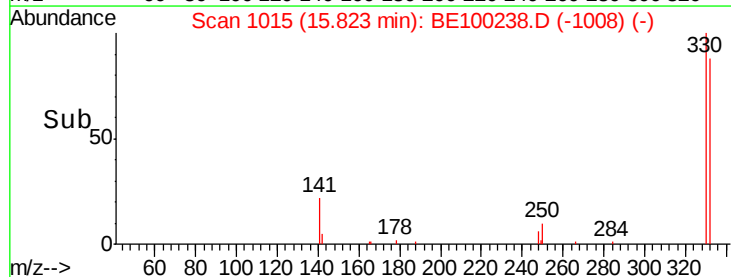
Tgt Ion:330 Resp: 337
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.4
 141 27.0 22.0 33.0



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



Time-->

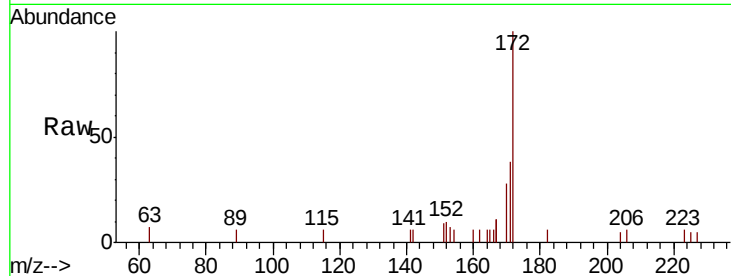




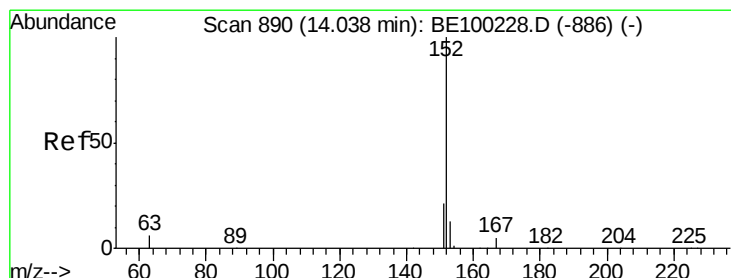
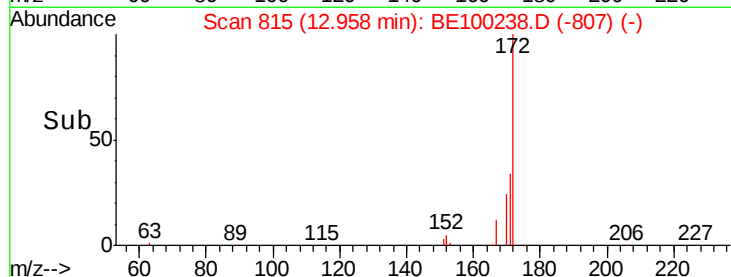
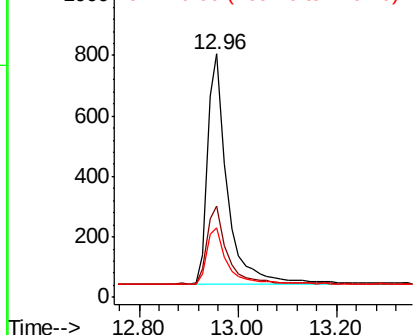
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2086
Ion Ratio Lower Upper
172 100
171 37.6 31.9 47.9
170 28.4 22.2 33.2

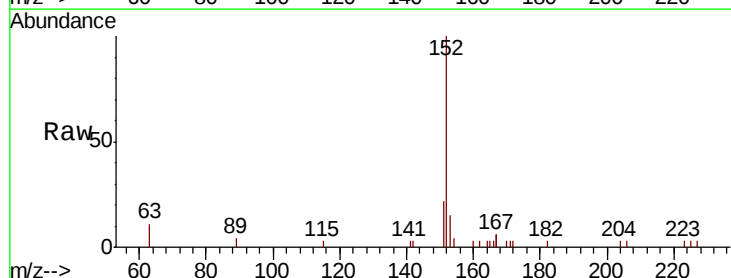


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

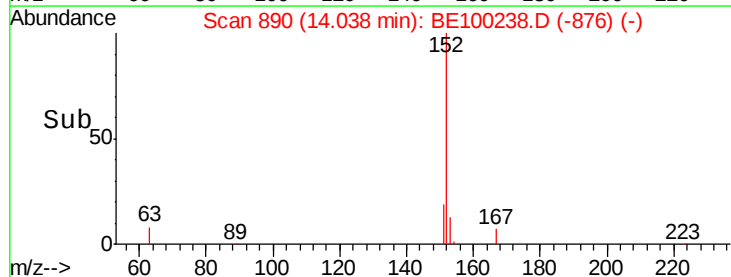
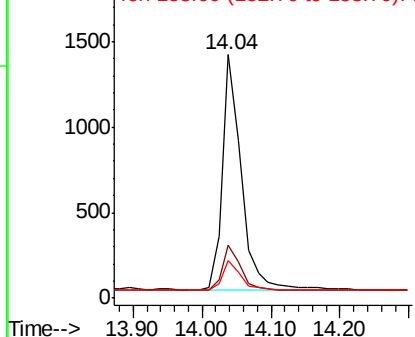


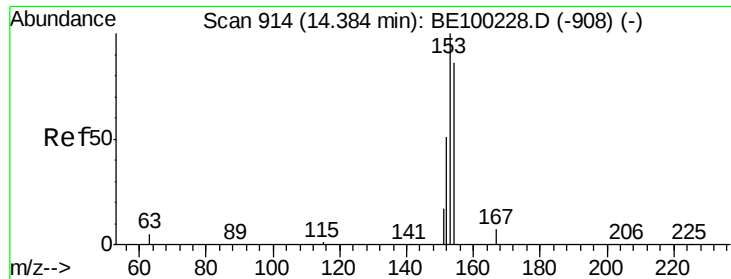
#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:152 Resp: 2635
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0
153 12.5 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

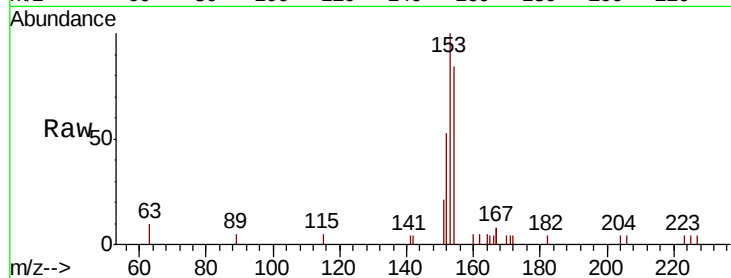




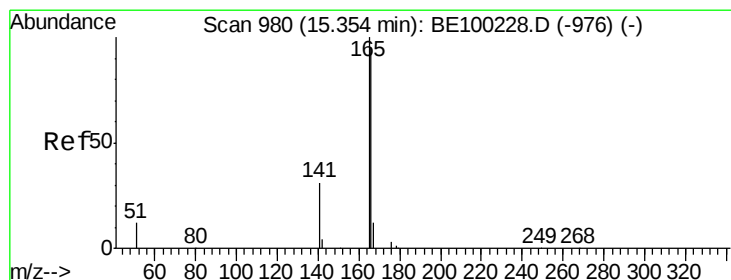
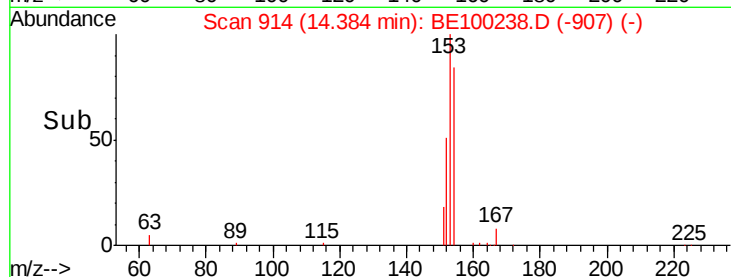
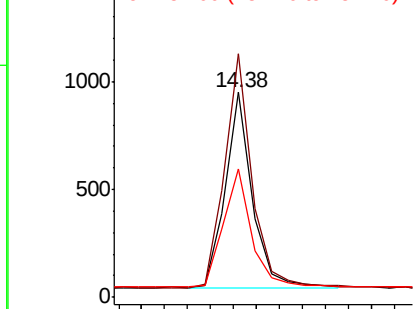
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1466
Ion Ratio Lower Upper
154 100
153 121.6 93.4 140.2
152 64.2 49.4 74.2

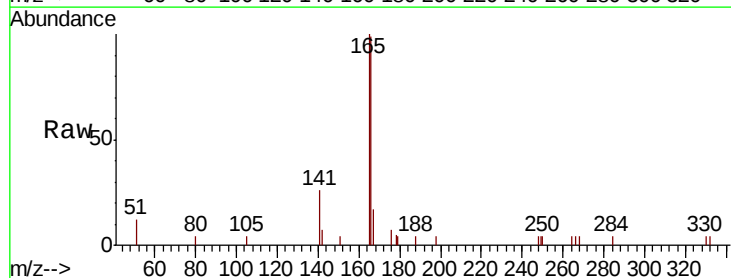


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

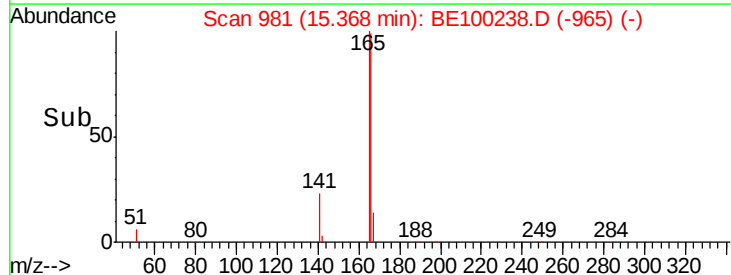
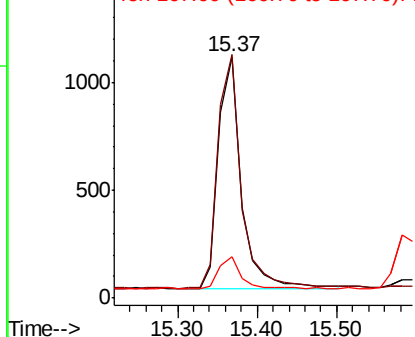


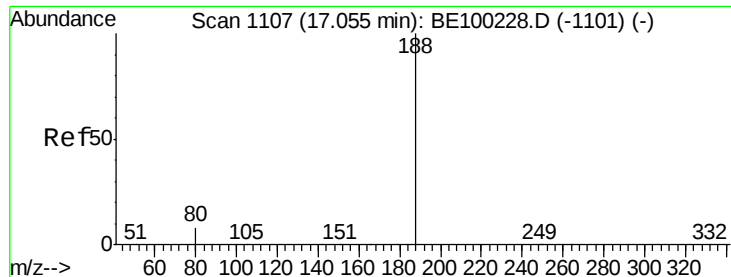
#18
Fluorene
Concen: 0.418 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:166 Resp: 2168
Ion Ratio Lower Upper
166 100
165 101.3 81.1 121.7
167 13.4 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: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

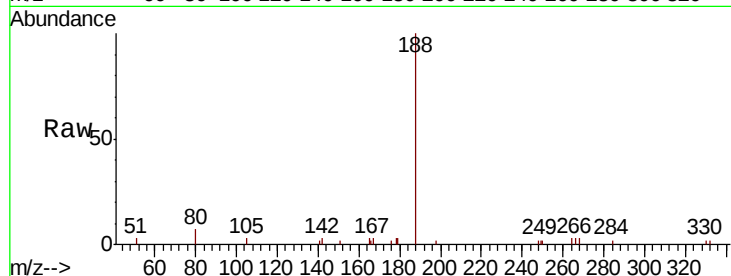
Tgt Ion:188 Resp: 3923

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

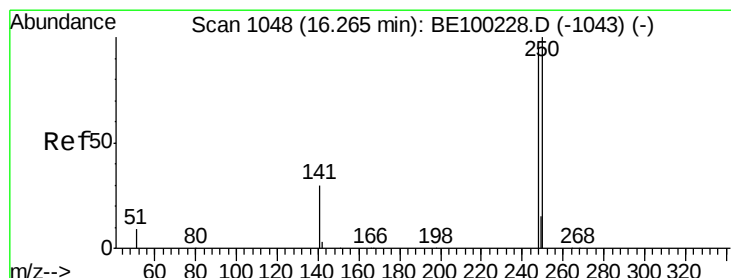
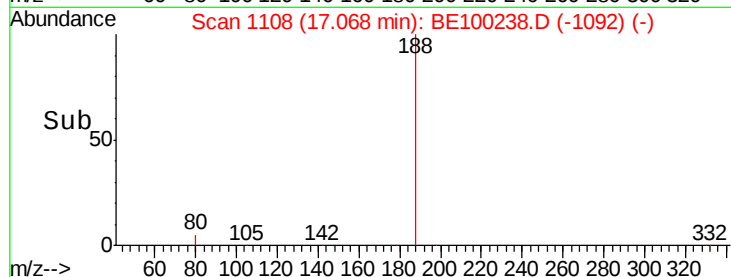
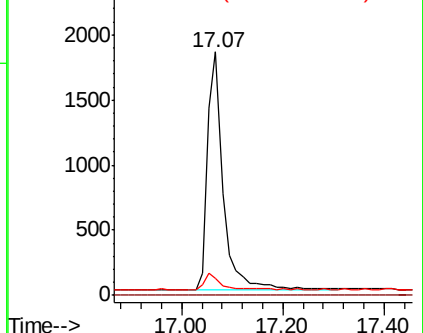
80 7.2 7.6 11.4#



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: 0.433 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

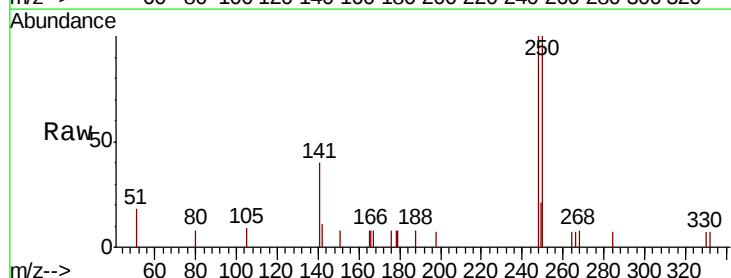
Tgt Ion:248 Resp: 1084

Ion Ratio Lower Upper

248 100

250 100.3 84.2 126.4

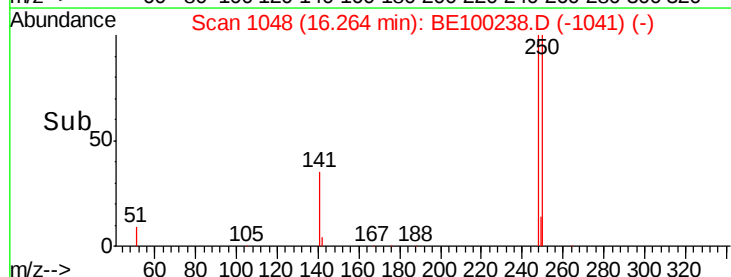
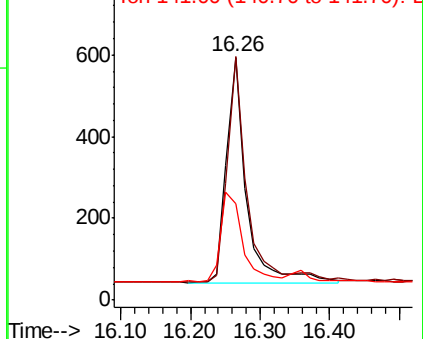
141 39.9 29.3 43.9

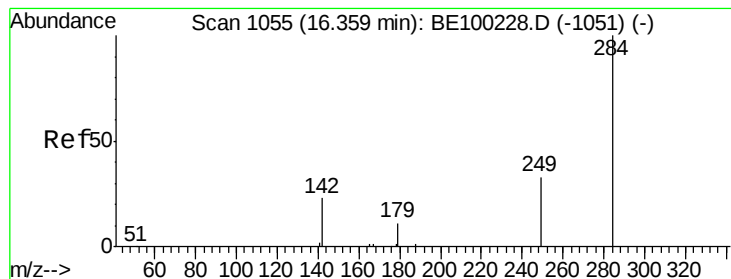


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.439 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

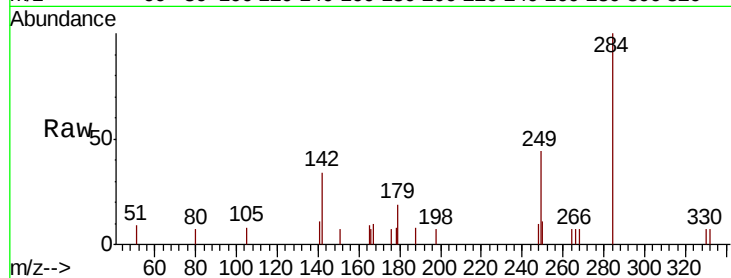
Tgt Ion:284 Resp: 1142

Ion Ratio Lower Upper

284 100

142 23.6 18.8 28.2

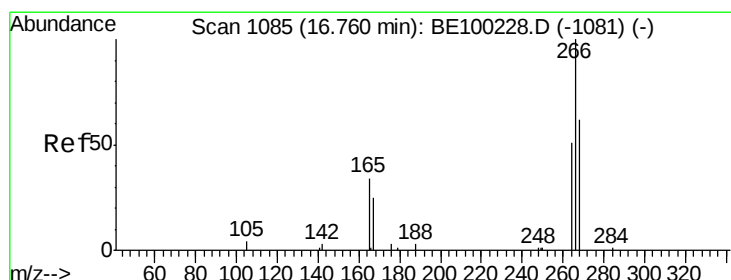
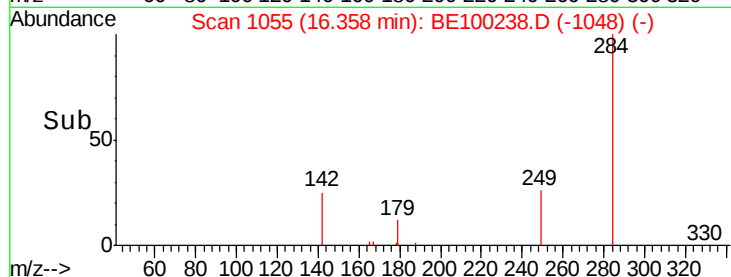
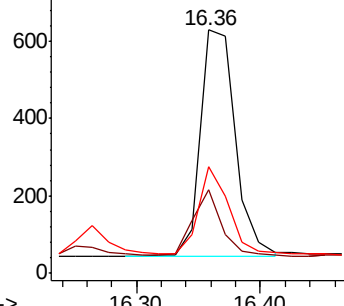
249 32.7 23.7 35.5



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: 0.274 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

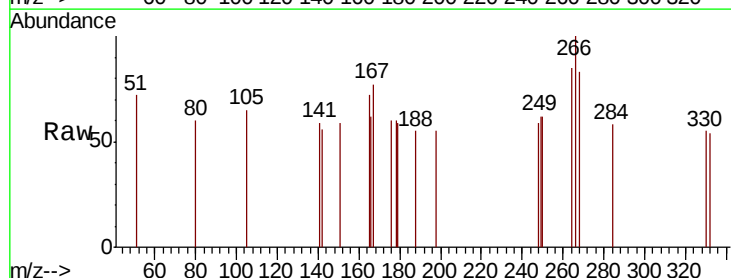
Tgt Ion:266 Resp: 214

Ion Ratio Lower Upper

266 100

264 84.6 56.2 84.2#

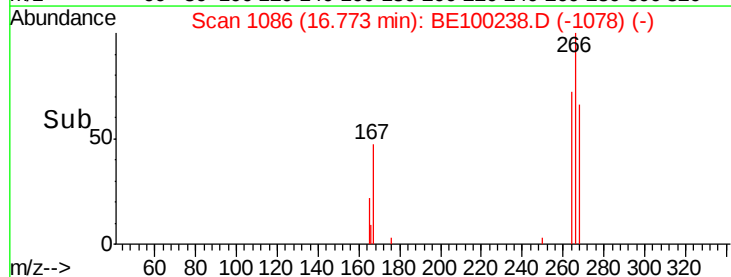
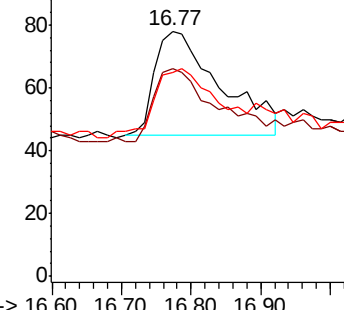
268 83.3 61.8 92.6



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: 0.415 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

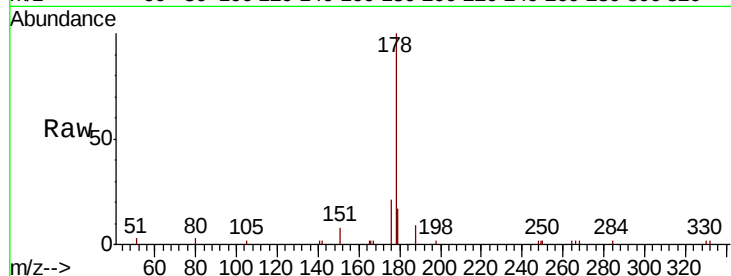
Tgt Ion:178 Resp: 3944

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

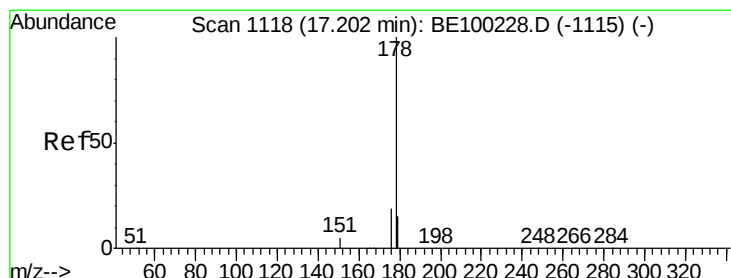
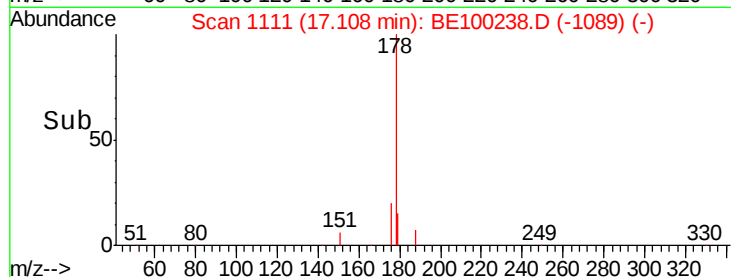
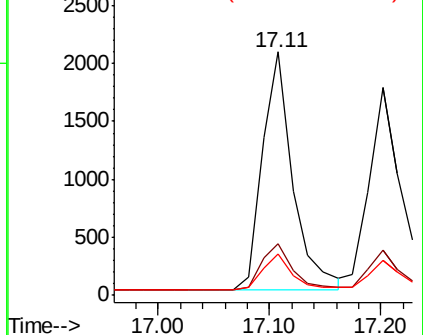
179 14.9 12.2 18.2



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: 0.409 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

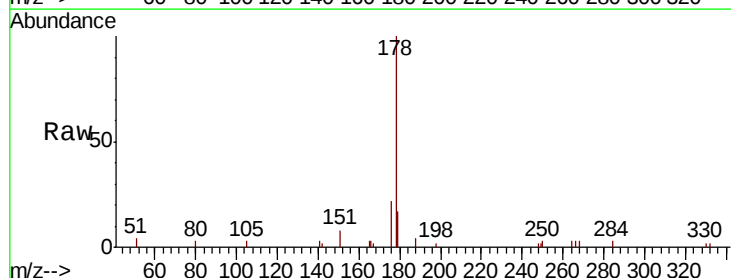
Tgt Ion:178 Resp: 3499

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

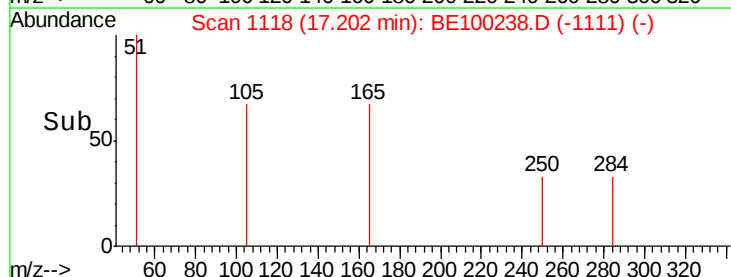
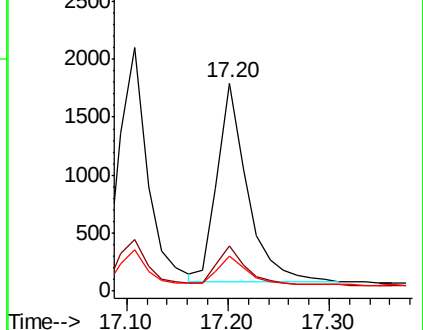
179 14.4 12.2 18.2

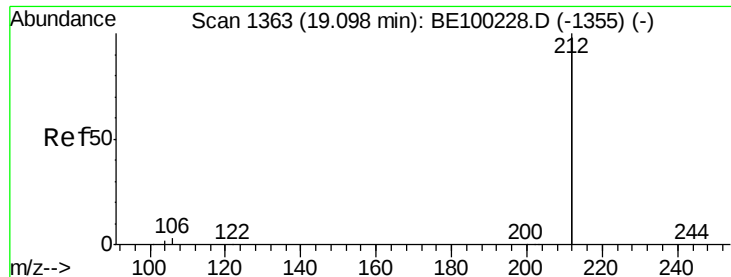


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

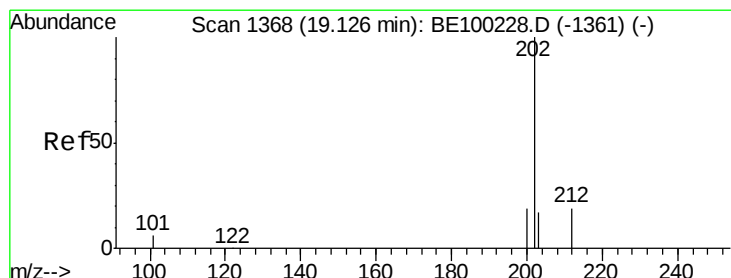
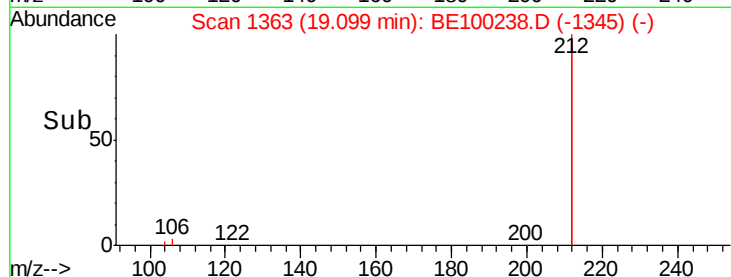
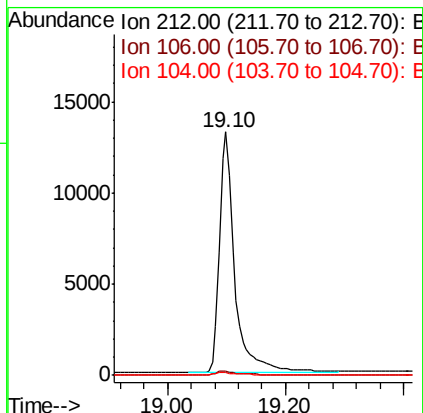
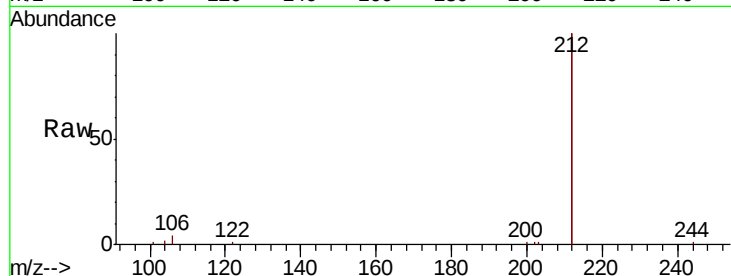
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	23565
Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2



#26

Fluoranthene

Concen: 0.425 ng

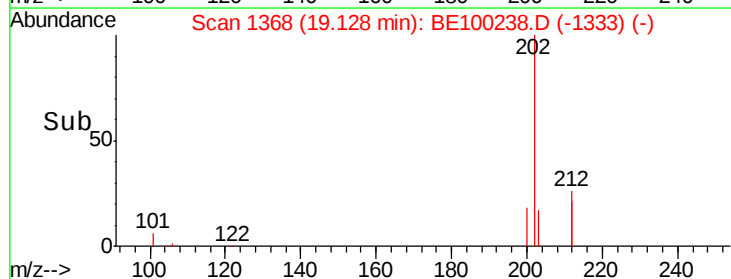
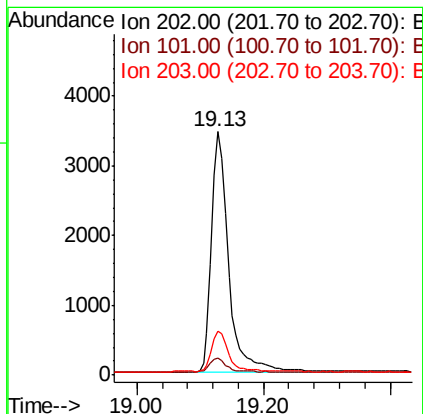
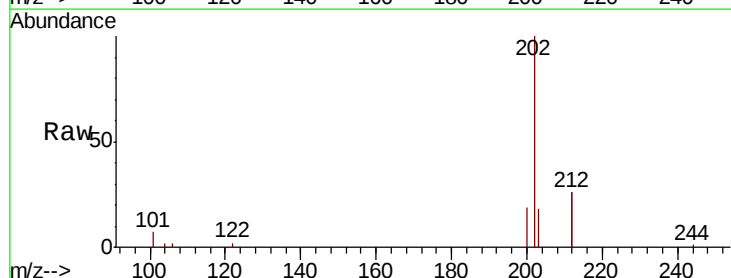
RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Tgt Ion:	202	Resp:	6439
Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	16.4	13.7	20.5

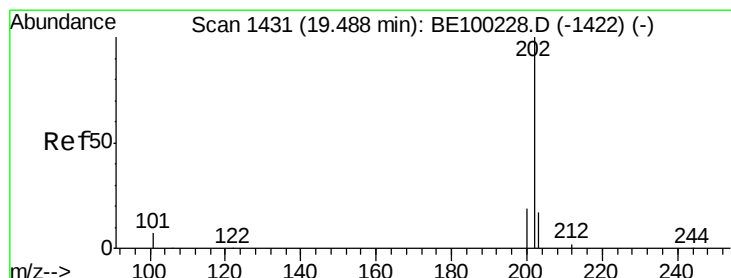
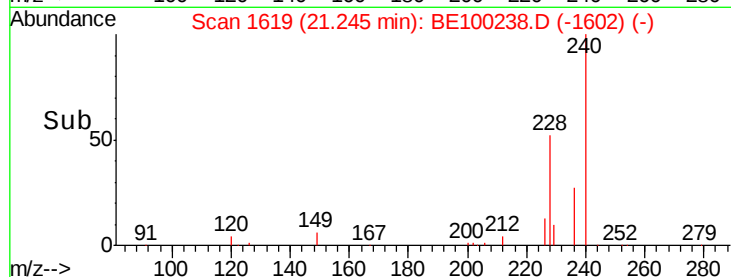
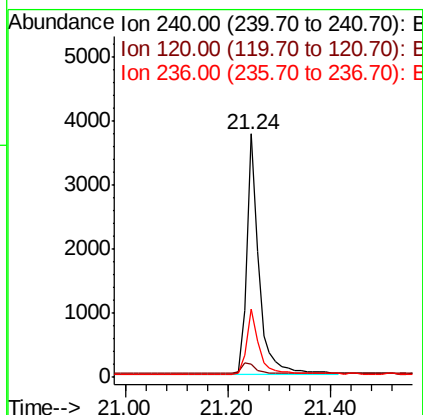
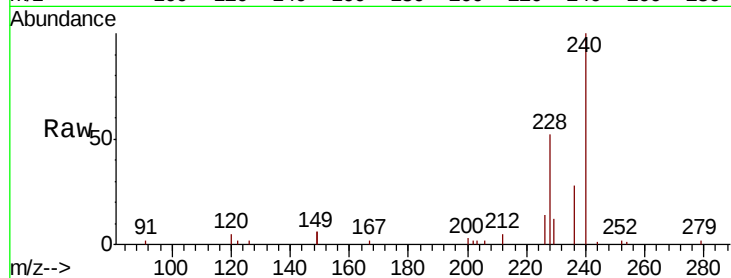




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

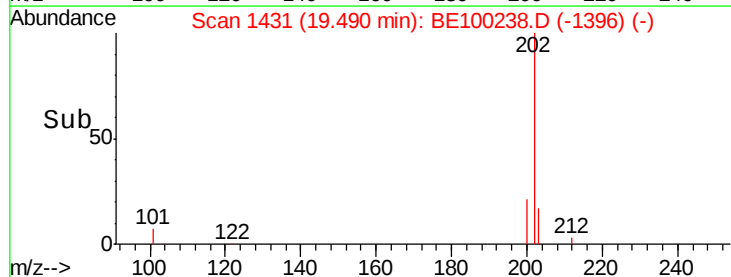
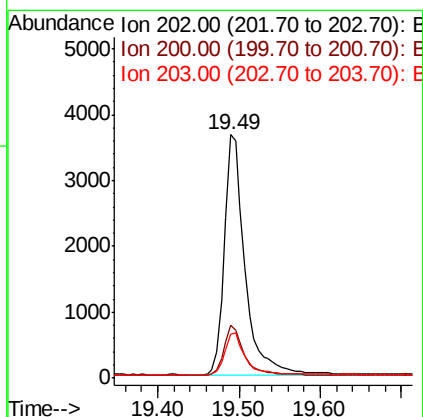
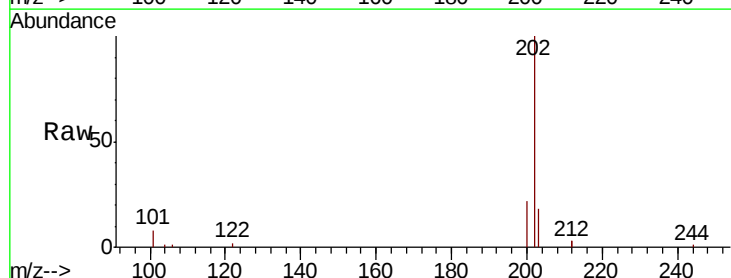
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 6106
Ion Ratio Lower Upper
240 100
120 5.3 3.3 4.9#
236 28.2 22.6 34.0



#28
Pyrene
Concen: 0.395 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:202 Resp: 6390
Ion Ratio Lower Upper
202 100
200 19.8 15.6 23.4
203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

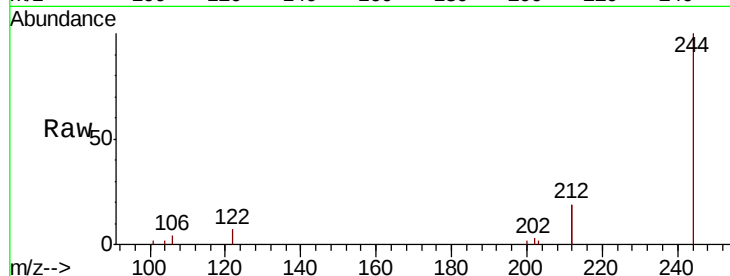
Tgt Ion:244 Resp: 4974

Ion Ratio Lower Upper

244 100

212 37.0 27.3 40.9

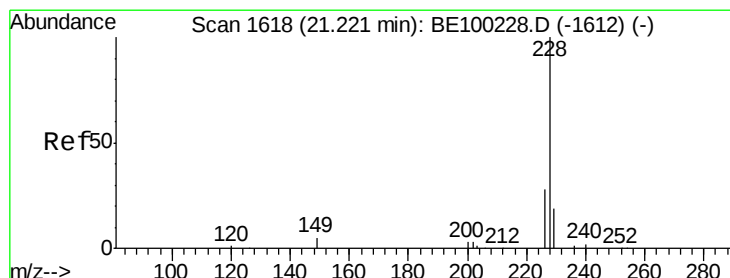
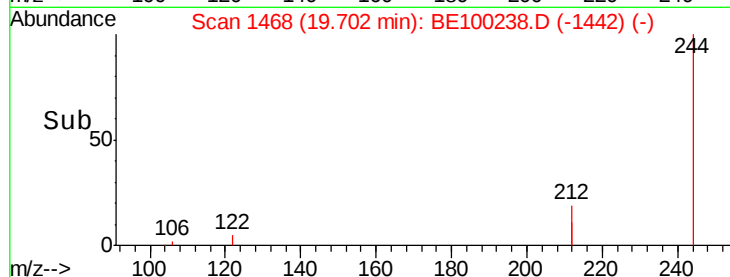
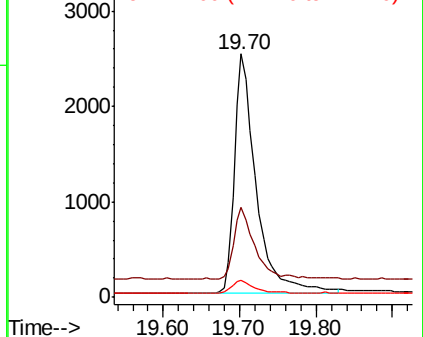
122 6.8 4.7 7.1



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: 0.394 ng

RT: 21.23 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

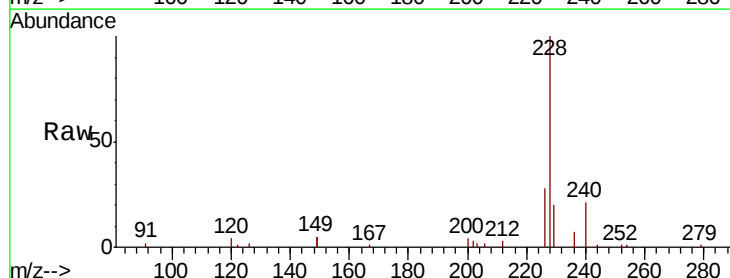
Tgt Ion:228 Resp: 7914

Ion Ratio Lower Upper

228 100

226 27.5 23.2 34.8

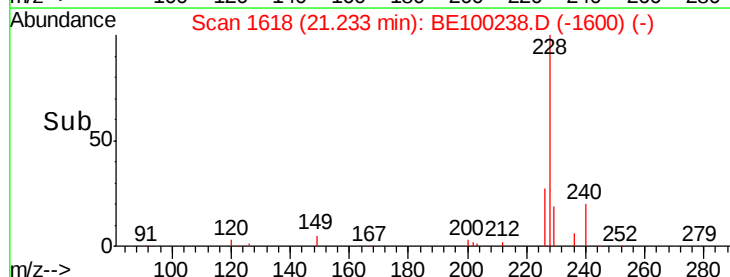
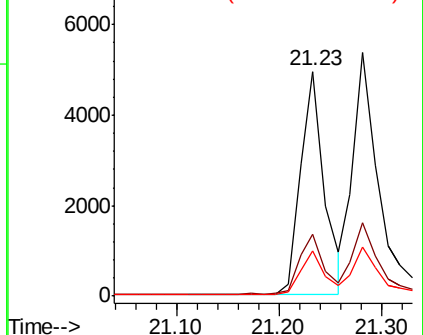
229 20.3 15.7 23.5

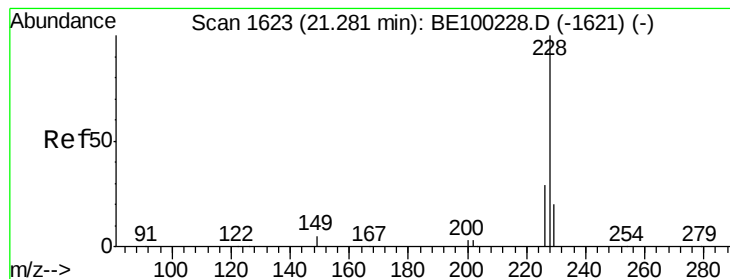


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.28 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

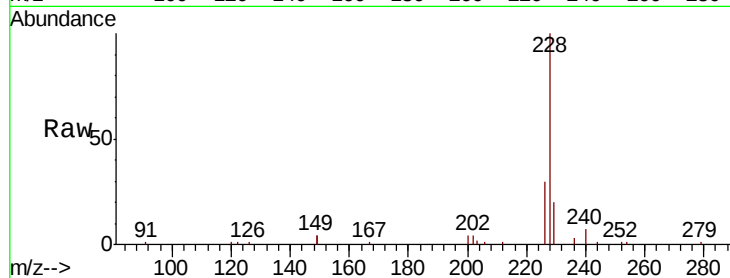
Tgt Ion:228 Resp: 8630

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

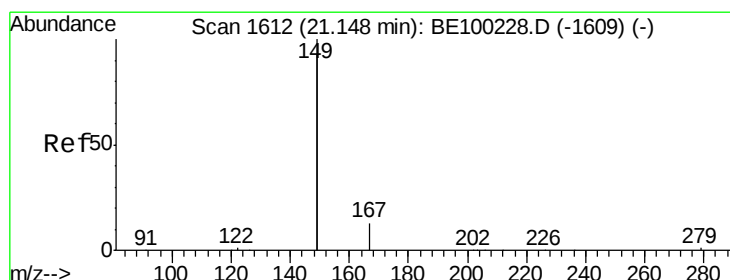
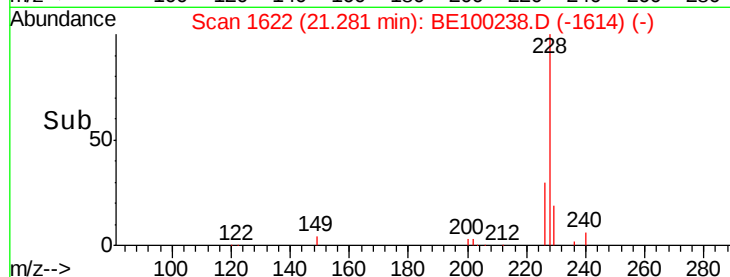
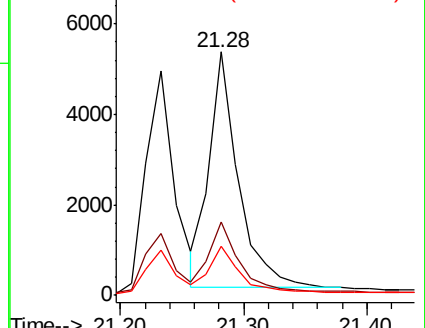
229 20.2 16.5 24.7



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: 0.297 ng

RT: 21.15 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

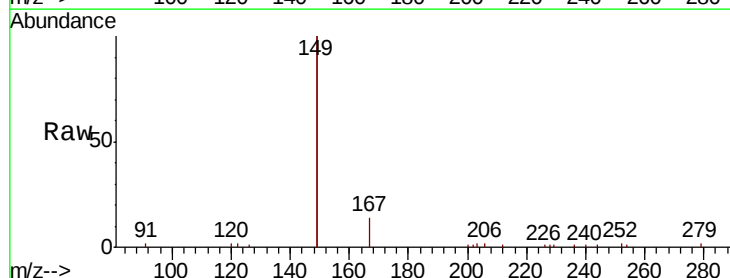
Tgt Ion:149 Resp: 10070

Ion Ratio Lower Upper

149 100

167 7.9 5.8 8.8

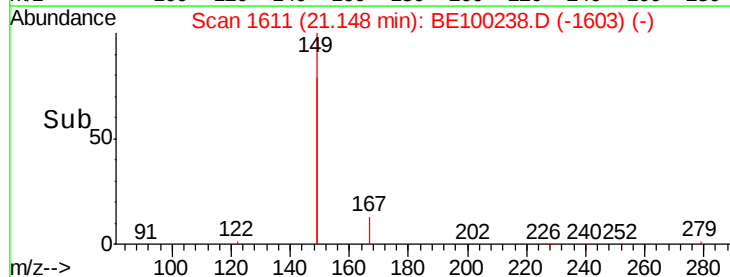
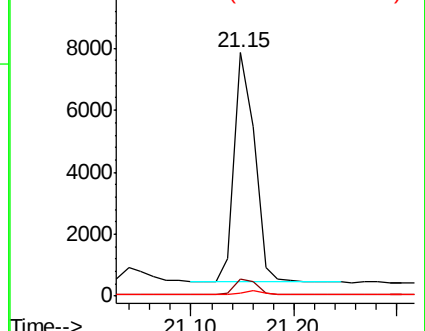
279 1.5 1.1 1.7



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: 0.413 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

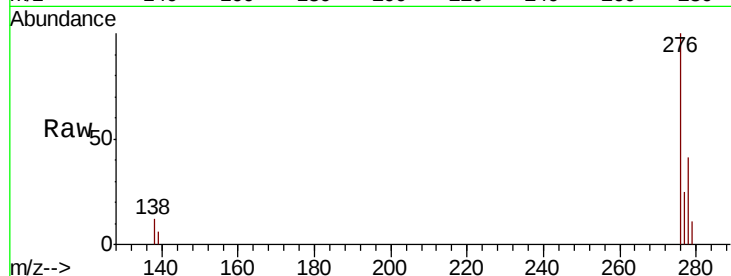
Tgt Ion:276 Resp: 11008

Ion Ratio Lower Upper

276 100

138 11.5 9.4 14.0

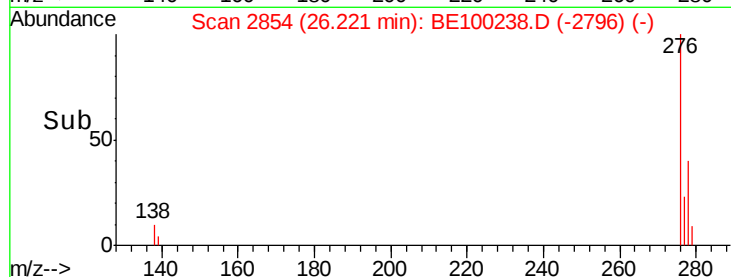
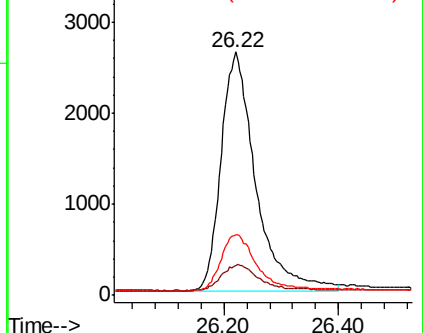
277 24.1 19.2 28.8



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# 2142

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

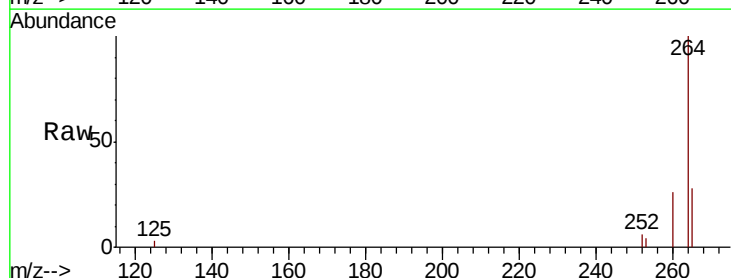
Tgt Ion:264 Resp: 7249

Ion Ratio Lower Upper

264 100

260 25.8 20.8 31.2

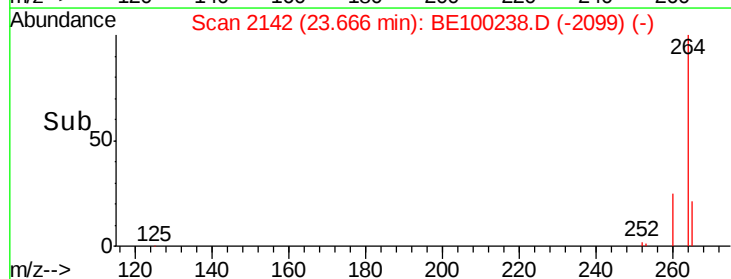
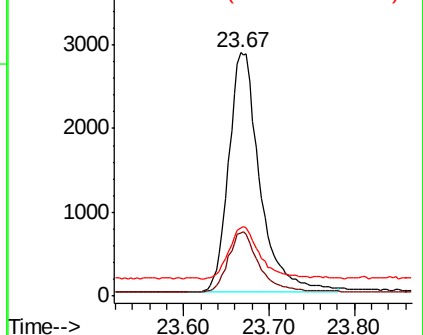
265 28.0 21.8 32.6

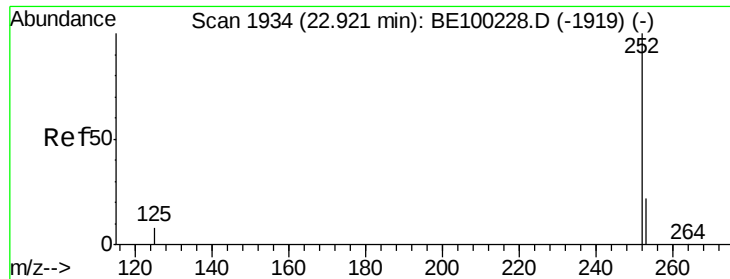


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

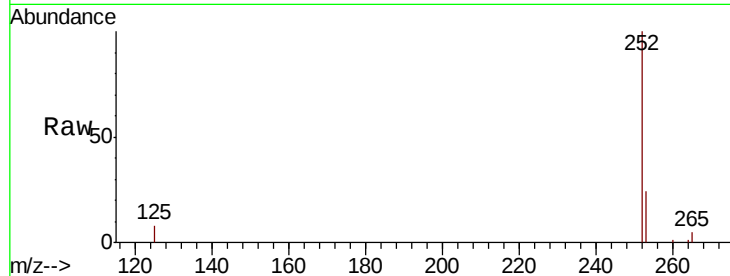




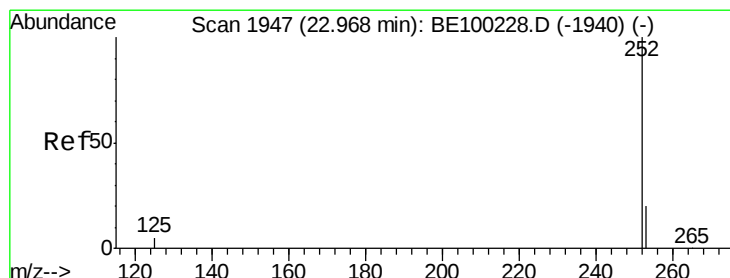
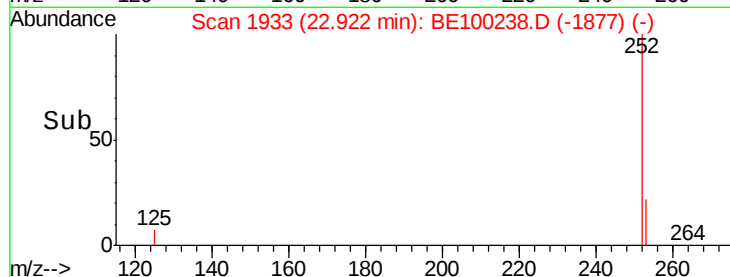
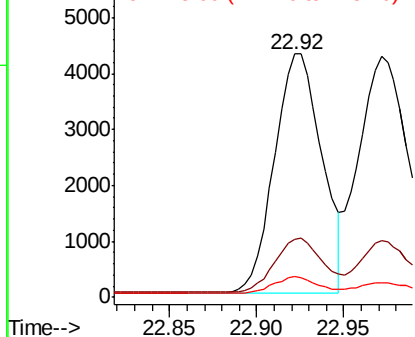
#35
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 22.92 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8130
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 8.5 7.4 11.0

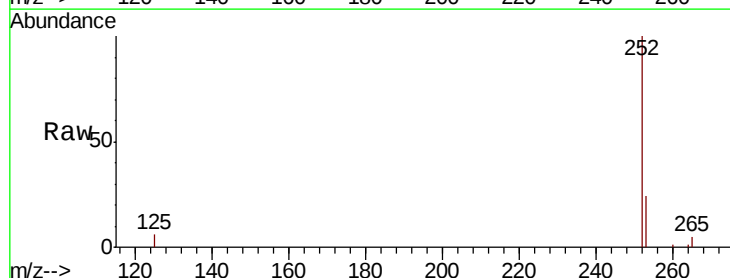


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

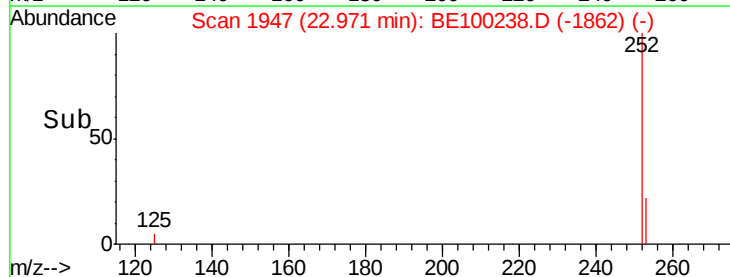
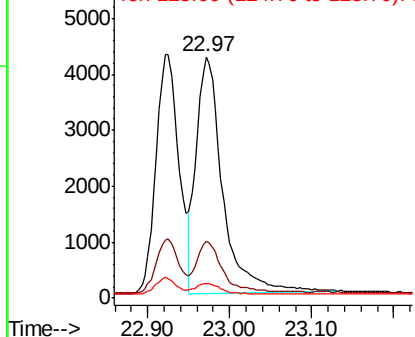


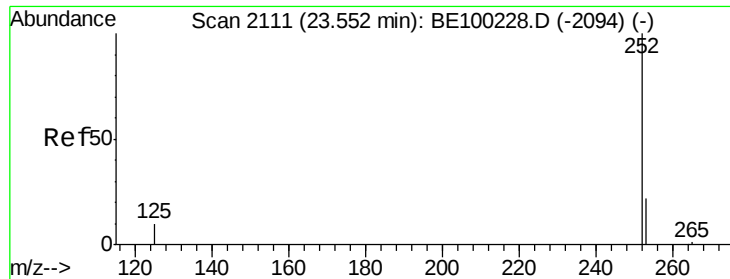
#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:252 Resp: 9362
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 6.1 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: 0.439 ng

RT: 23.56 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

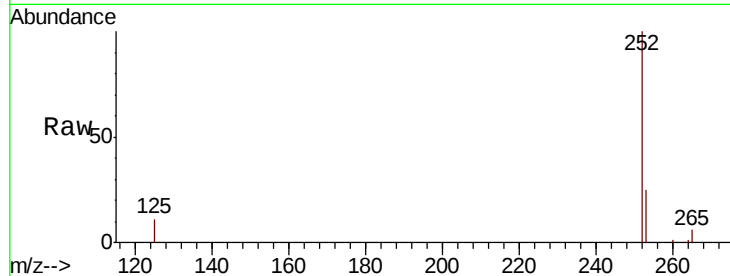
Tgt Ion:252 Resp: 8654

Ion Ratio Lower Upper

252 100

253 25.0 19.6 29.4

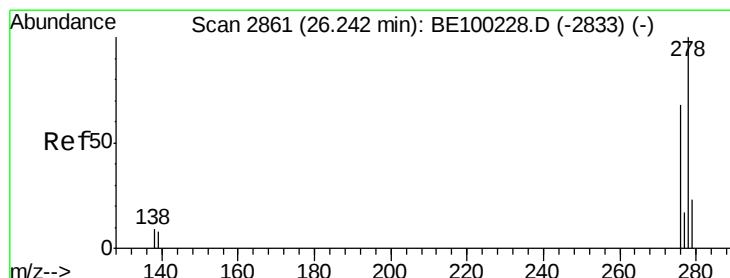
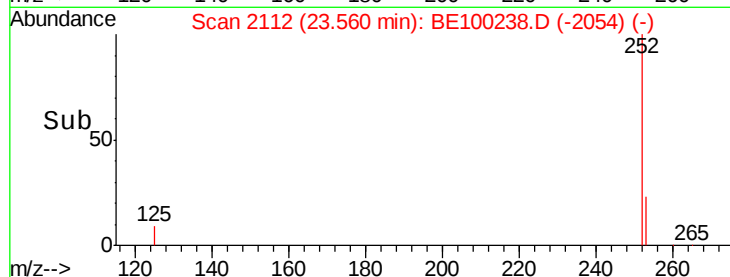
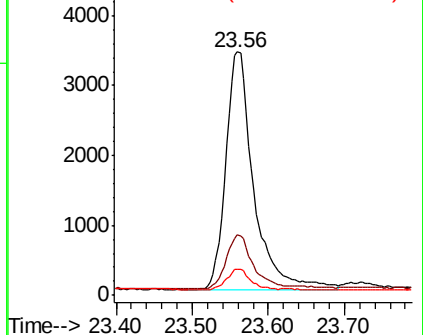
125 10.7 9.0 13.6



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: 0.418 ng

RT: 26.25 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE100238.D

Acq: 28 Jun 2019 17:14

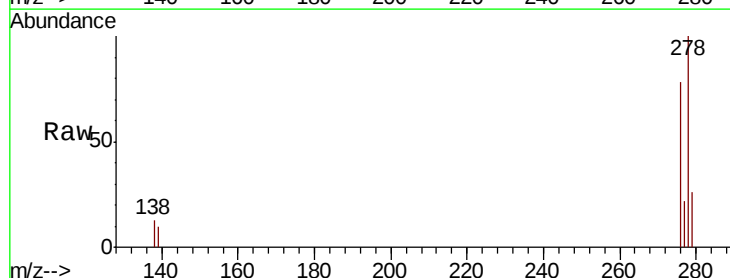
Tgt Ion:278 Resp: 8595

Ion Ratio Lower Upper

278 100

139 10.1 8.2 12.2

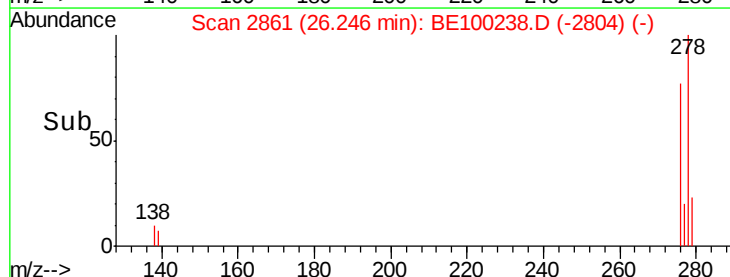
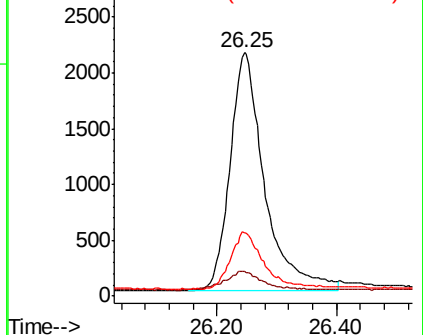
279 25.8 20.3 30.5

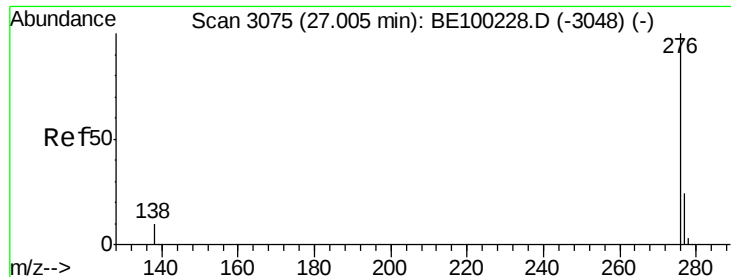


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.432 ng

RT: 27.01 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BE100238.D

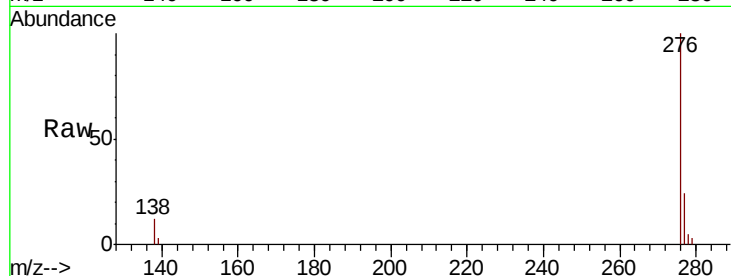
Acq: 28 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



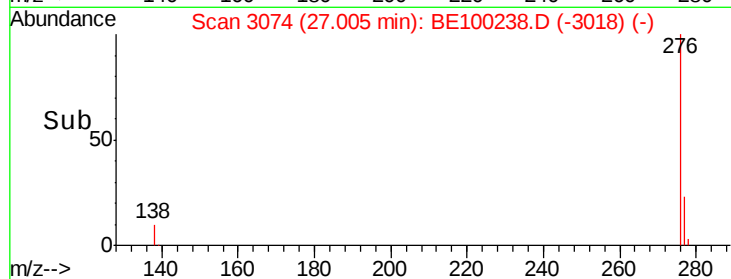
Tgt Ion: 276 Resp: 9134

Ion Ratio Lower Upper

276 100

277 24.3 20.2 30.2

138 12.1 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

