

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100229.D
 Acq On : 28 Jun 2019 11:01
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 12:20:13 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 12:13:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	550	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	1836	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1497	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	4553	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7045	0.40	ng	0.00
34) Perylene-d12	23.67	264	8704	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1108	0.91	ng	0.00
5) Phenol-d6	6.83	99	1393	0.83	ng	-0.01
8) Nitrobenzene-d5	8.81	82	1613	0.88	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2721	0.79	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	835	0.96	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	4755	0.79	ng	0.00
25) Fluoranthene-d10	19.09	212	51308	0.78	ng	0.00
29) Terphenyl-d14	19.70	244	11603	0.84	ng	0.00

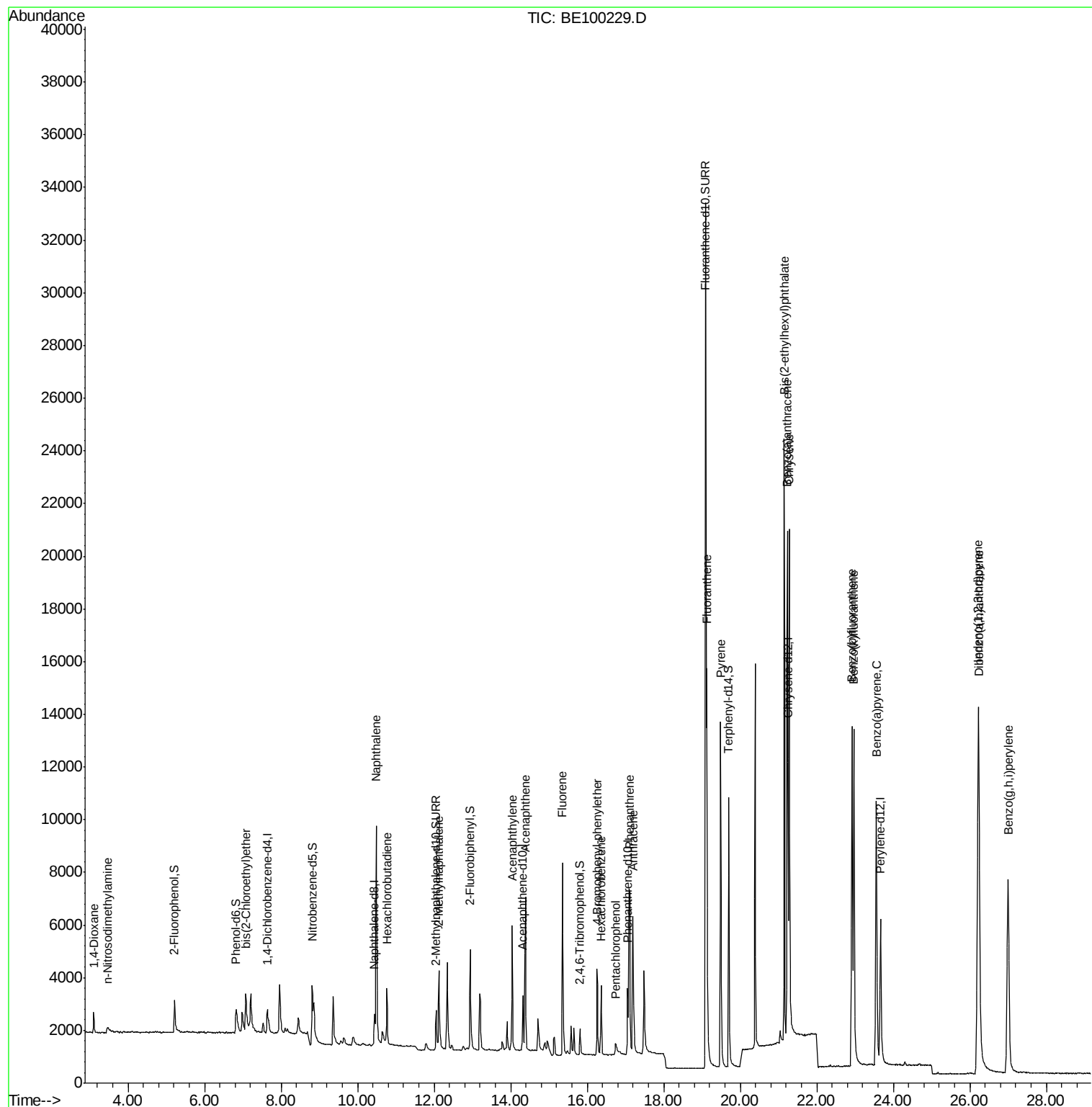
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	576	0.669	ng	90
3) n-Nitrosodimethylamine	3.46	42	270	0.848	ng	# 79
6) bis(2-Chloroethyl)ether	7.08	93	1224	0.795	ng	97
9) Naphthalene	10.48	128	16083	0.803	ng	98
10) Hexachlorobutadiene	10.76	225	1550	0.749	ng	100
12) 2-Methylnaphthalene	12.12	142	2692	0.834	ng	98
16) Acenaphthylene	14.04	152	5566	0.763	ng	99
17) Acenaphthene	14.38	154	3129	0.765	ng	99
18) Fluorene	15.35	166	4686	0.792	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	2199	0.778	ng	# 79
21) Hexachlorobenzene	16.36	284	2377	0.767	ng	98
22) Pentachlorophenol	16.73	266	655	0.898	ng	93
23) Phenanthrene	17.11	178	8763	0.813	ng	99
24) Anthracene	17.20	178	7980	0.876	ng	99
26) Fluoranthene	19.12	202	13832	0.788	ng	99
28) Pyrene	19.49	202	14190	0.787	ng	100
30) Benzo(a)anthracene	21.23	228	17988	0.866	ng	97
31) Chrysene	21.28	228	18325	0.752	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	26524	1.111	ng	99
33) Indeno(1,2,3-cd)pyrene	26.22	276	24422	0.704	ng	99
35) Benzo(b)fluoranthene	22.92	252	18230	0.779	ng	# 95
36) Benzo(k)fluoranthene	22.97	252	20502	0.732	ng	99
37) Benzo(a)pyrene	23.56	252	18578	0.766	ng	# 95
38) Dibenzo(a,h)anthracene	26.24	278	19131	0.737	ng	97
39) Benzo(g,h,i)perylene	27.00	276	20126	0.743	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100229.D
Acq On : 28 Jun 2019 11:01
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:13 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 12:13:05 2019
Response via : Initial Calibration



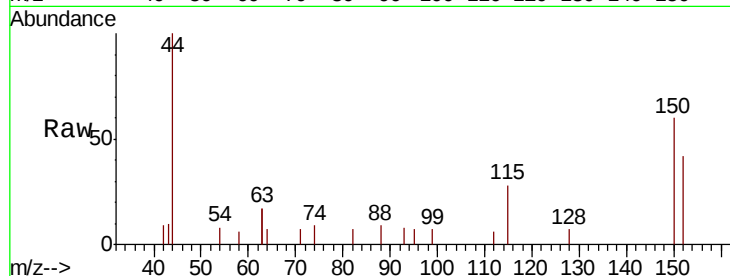


#1

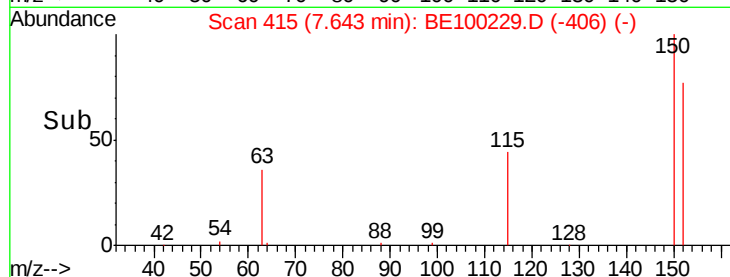
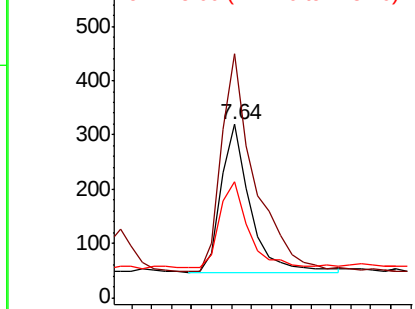
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 550
Ion Ratio Lower Upper
152 100
150 140.8 114.5 171.7
115 67.1 57.1 85.7



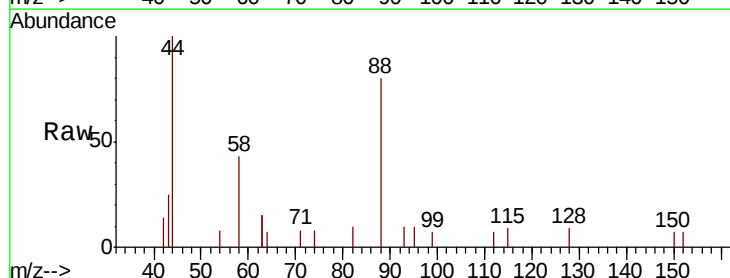
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



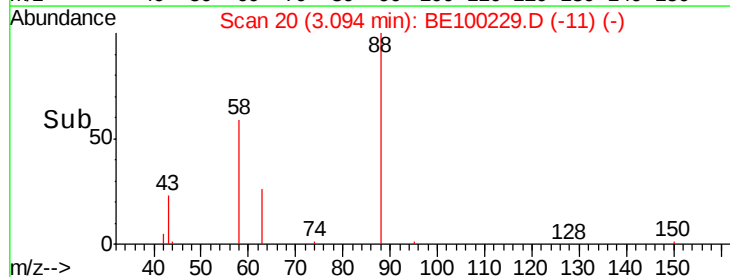
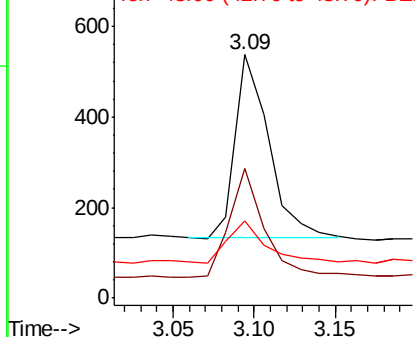
#2

1,4-Dioxane
Concen: 0.669 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion: 88 Resp: 576
Ion Ratio Lower Upper
88 100
58 64.4 43.6 65.4
43 25.3 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: 0.848 ng

RT: 3.46 min Scan# 52

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

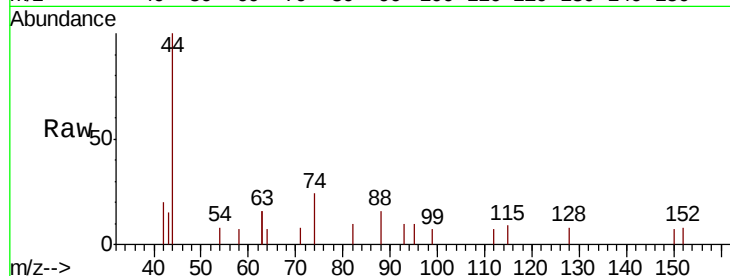
Tot Ion: 42 Resp: 270

Ion Ratio Lower Upper

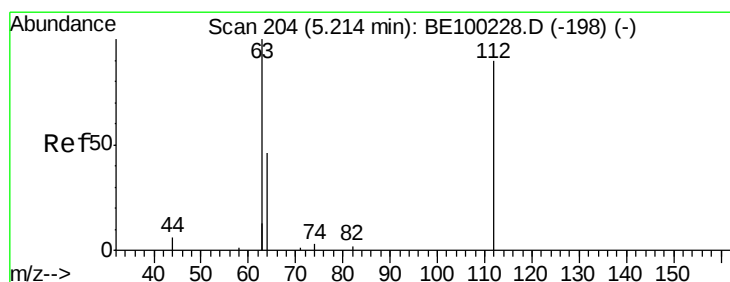
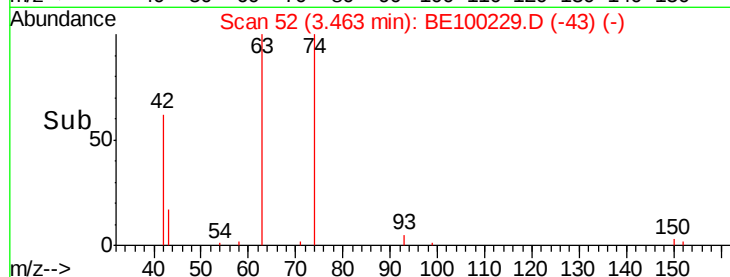
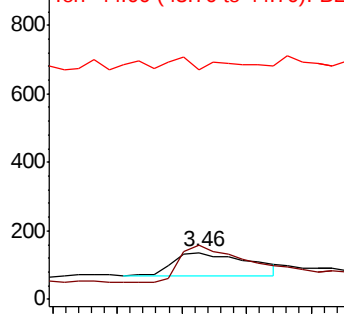
42 100

74 145.2 130.6 196.0

44 15.9 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: 0.906 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

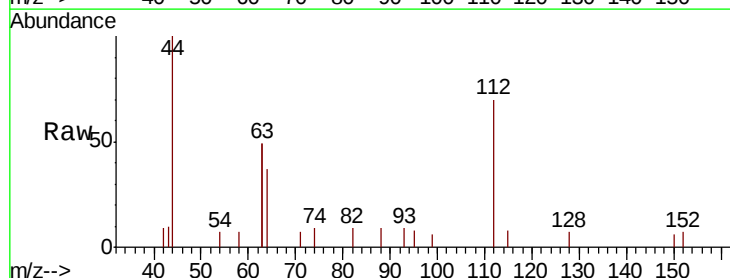
Tgt Ion: 112 Resp: 1108

Ion Ratio Lower Upper

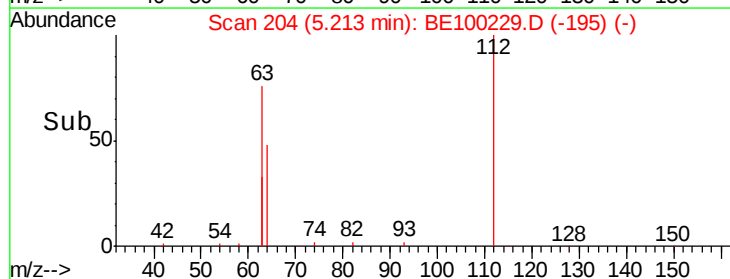
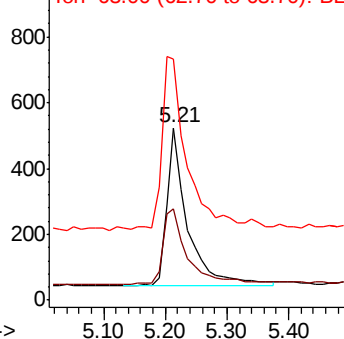
112 100

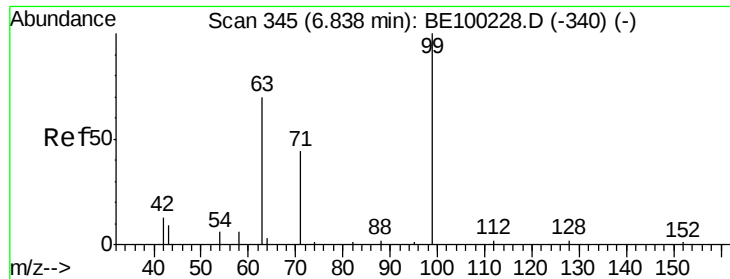
64 54.8 39.4 59.0

63 129.5 104.5 156.7



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





#5

Phenol-d6

Concen: 0.828 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

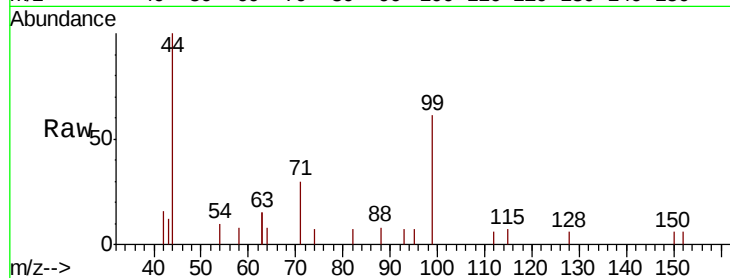
Tot Ion: 99 Resp: 1393

Ion Ratio Lower Upper

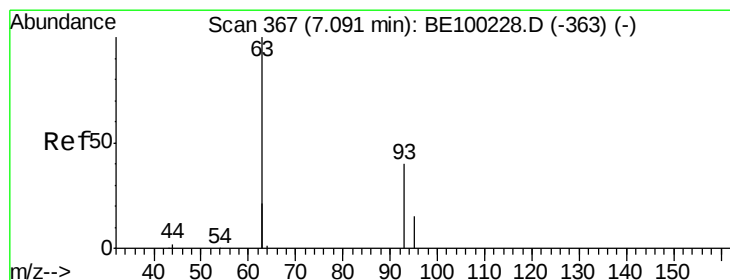
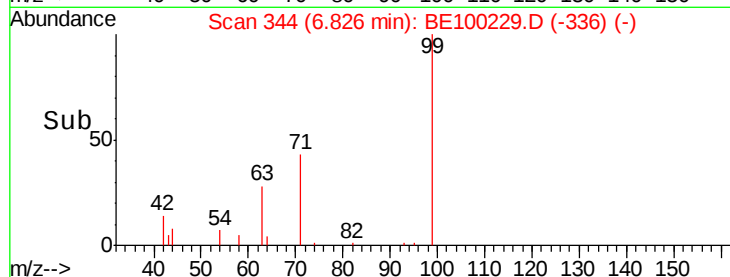
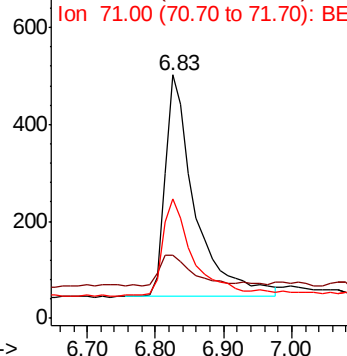
99 100

42 15.1 11.2 16.8

71 45.5 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: 0.795 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

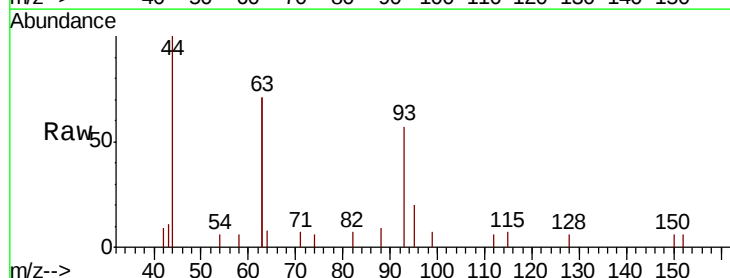
Tgt Ion: 93 Resp: 1224

Ion Ratio Lower Upper

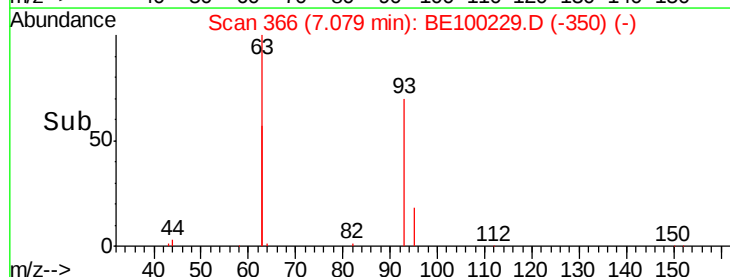
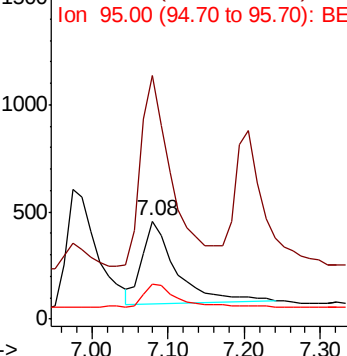
93 100

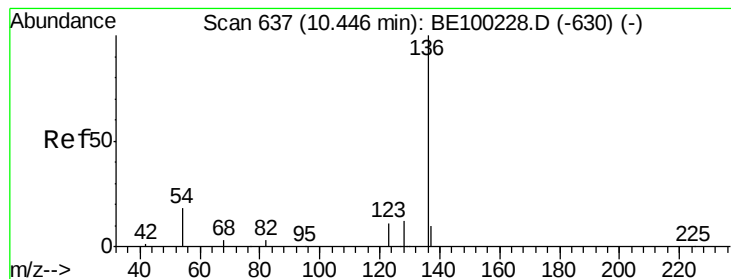
63 200.0 155.6 233.4

95 27.9 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: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1836

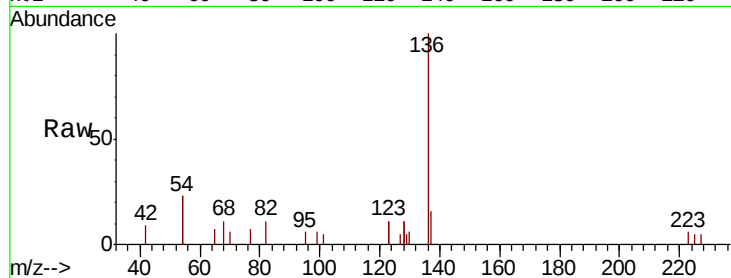
Ion Ratio Lower Upper

136 100

137 15.5 11.8 17.8

54 45.3 27.7 41.5#

68 10.5 6.8 10.2#

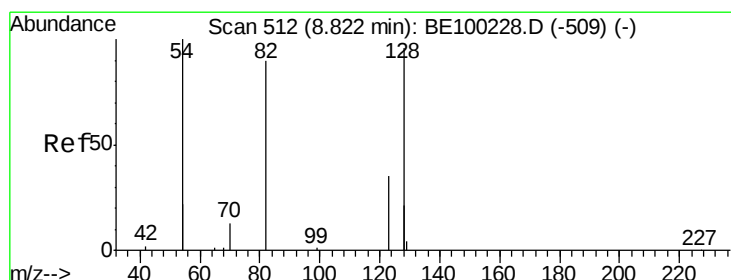
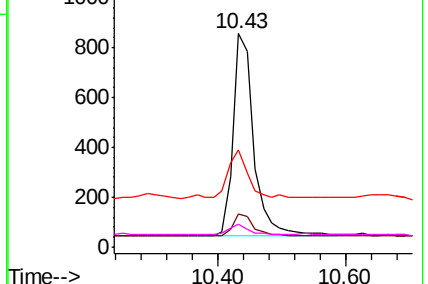
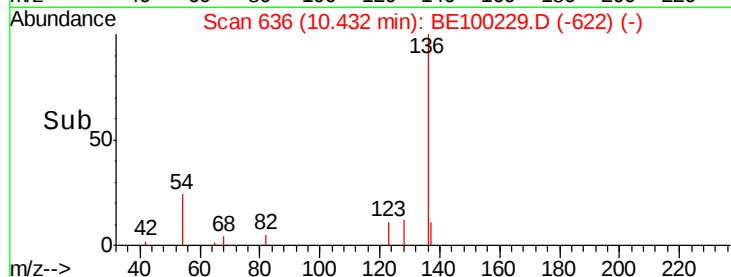


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.883 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

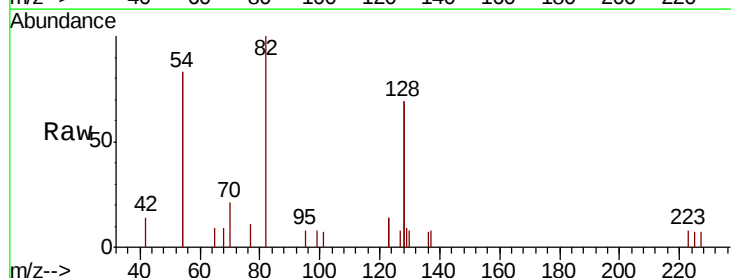
Tgt Ion: 82 Resp: 1613

Ion Ratio Lower Upper

82 100

128 137.4 140.9 211.3#

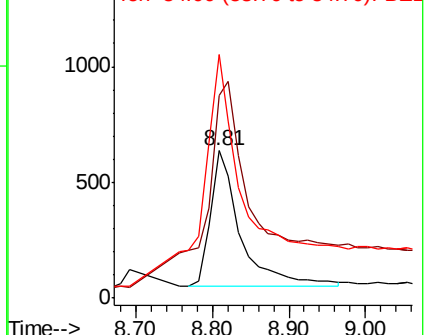
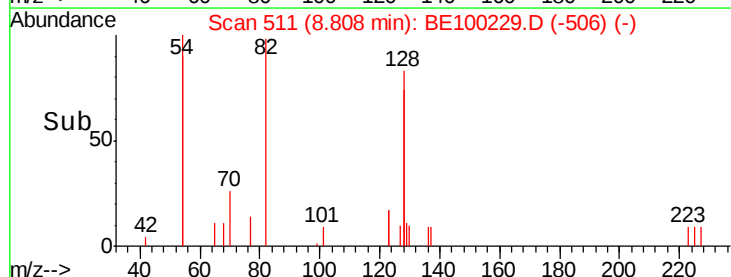
54 165.4 146.2 219.2

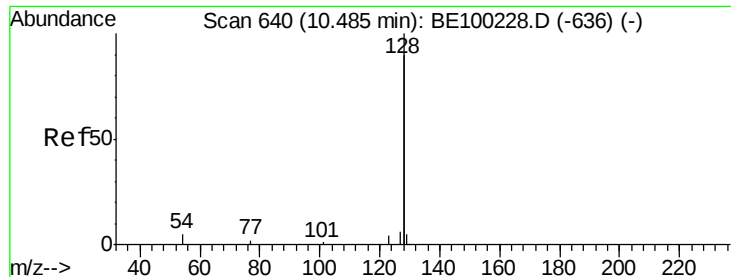


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

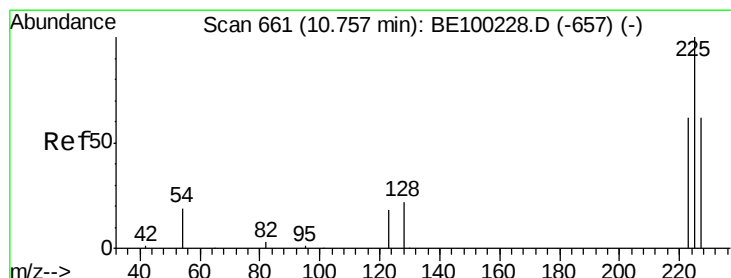
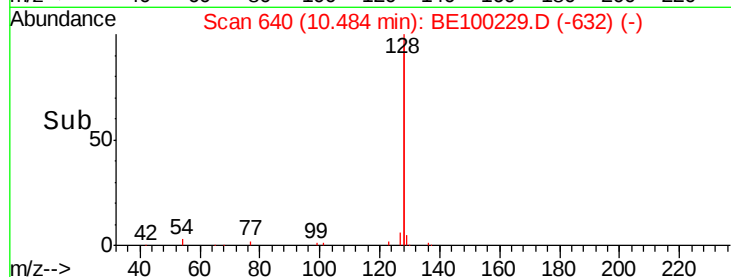
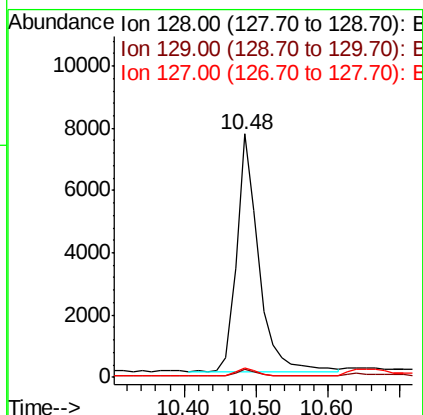
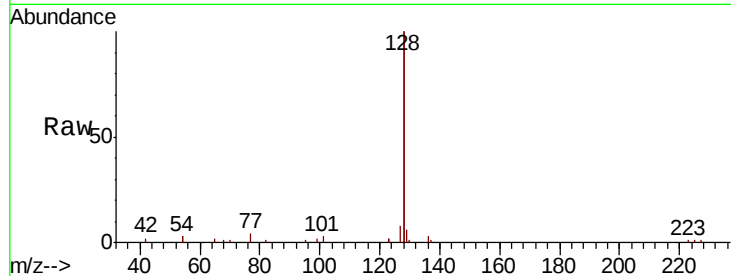




#9
Naphthalene
Concen: 0.803 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

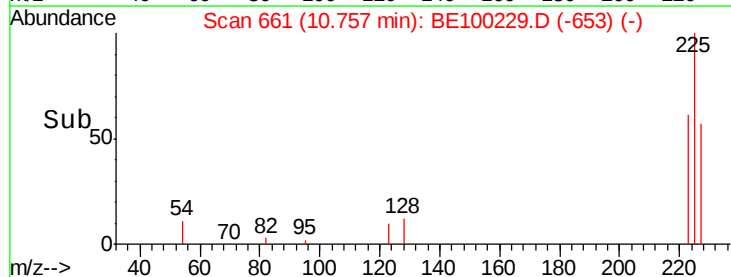
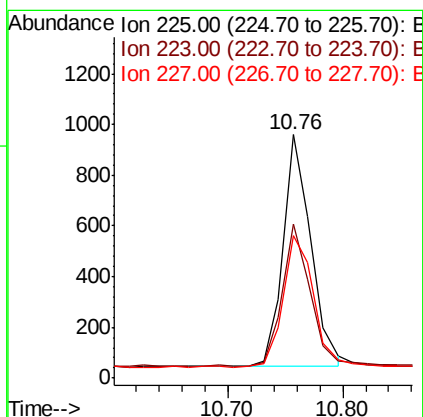
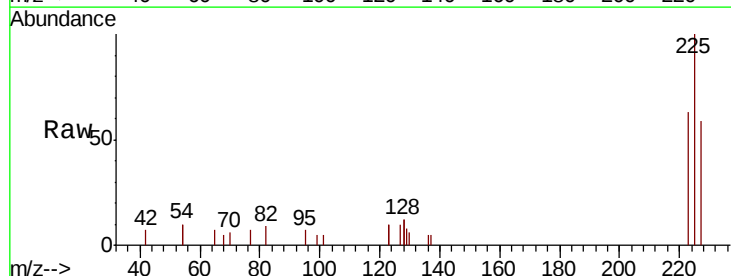
Instrument :
BNA_E
ClientSampled :

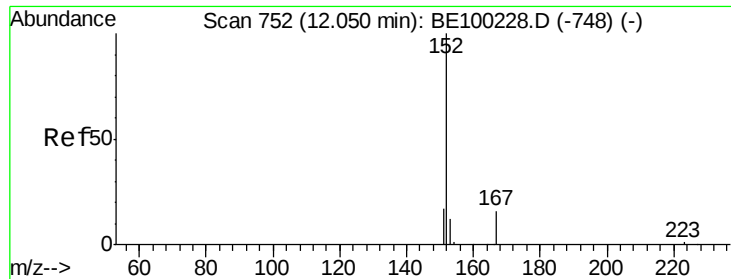
Tot Ion:128 Resp: 16083
Ion Ratio Lower Upper
128 100
129 3.2 3.0 4.6
127 3.8 3.5 5.3



#10
Hexachlorobutadiene
Concen: 0.749 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:225 Resp: 1550
Ion Ratio Lower Upper
225 100
223 61.2 49.1 73.7
227 61.7 49.3 73.9

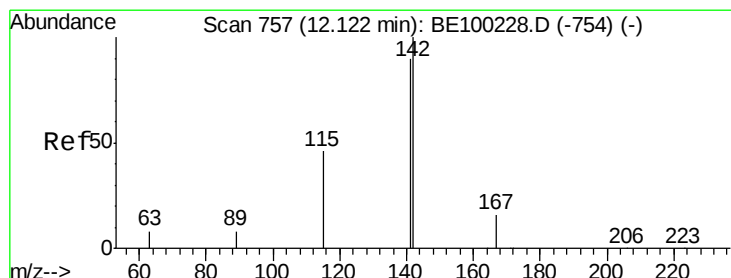
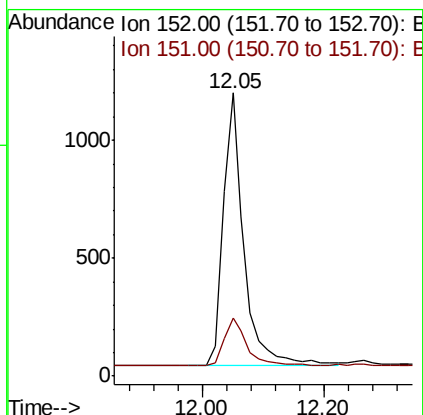
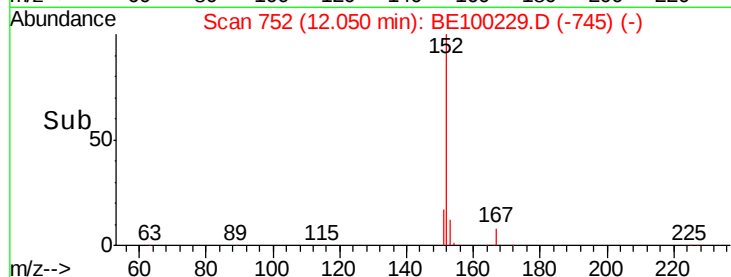
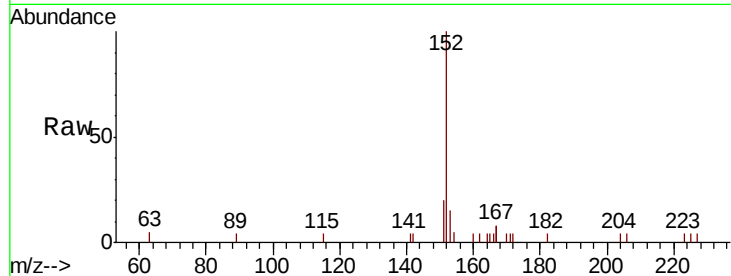




#11
2-Methylnaphthalene-d10
Concen: 0.790 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

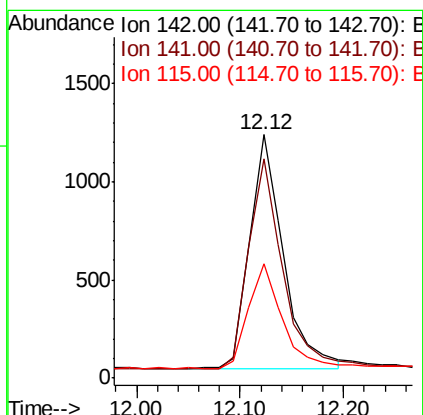
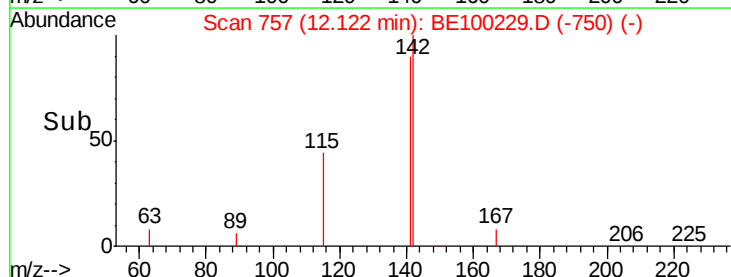
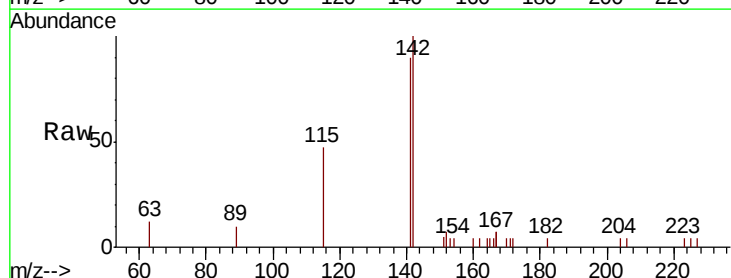
Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2721
Ion Ratio Lower Upper
152 100
151 18.6 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.834 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:142 Resp: 2692
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 46.9 40.4 60.6

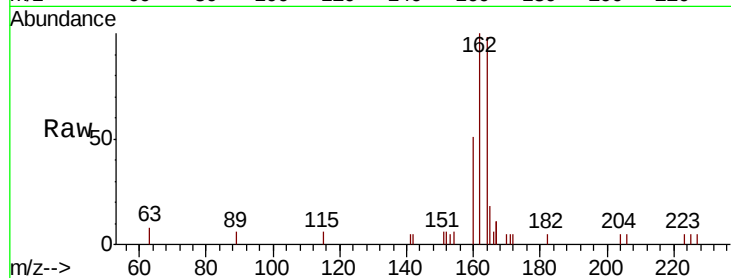




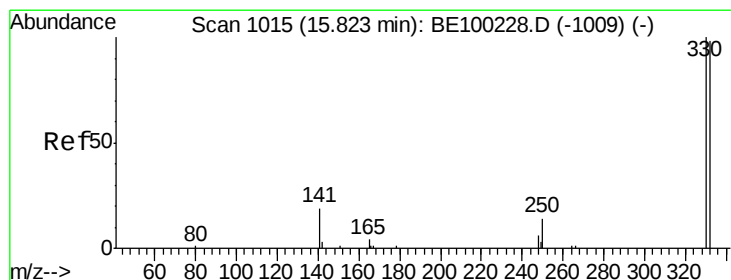
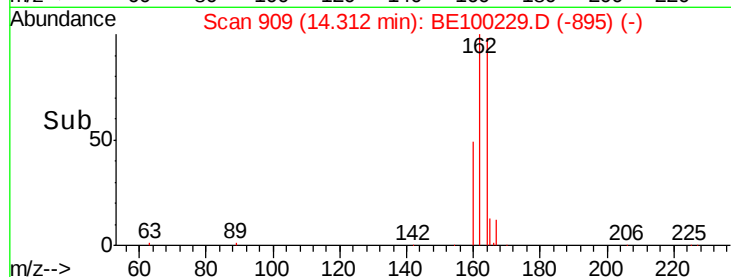
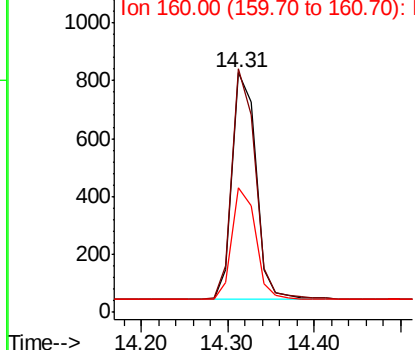
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1497
Ion Ratio Lower Upper
164 100
162 101.8 83.4 125.0
160 52.3 45.0 67.6

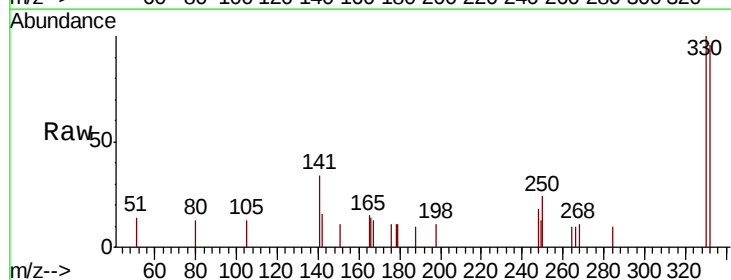


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

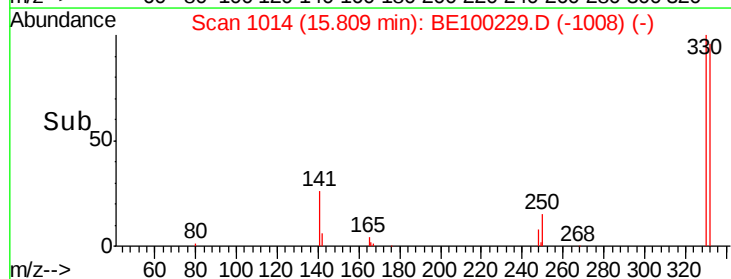
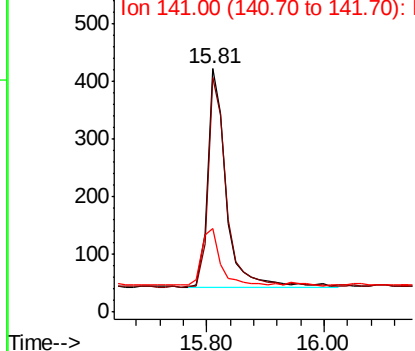


#14
2,4,6-Tribromophenol
Concen: 0.963 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:330 Resp: 835
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 27.2 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

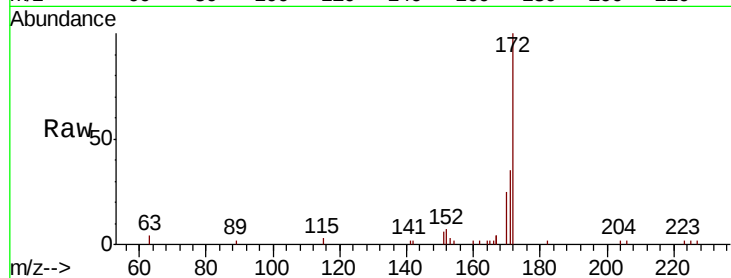




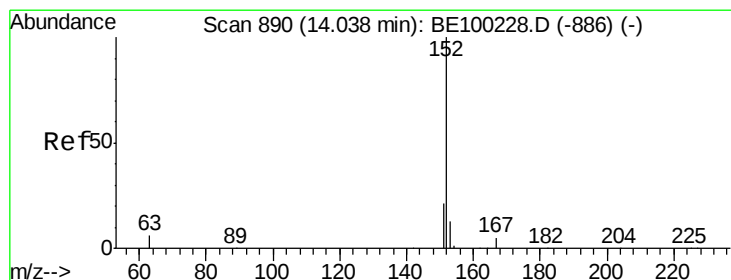
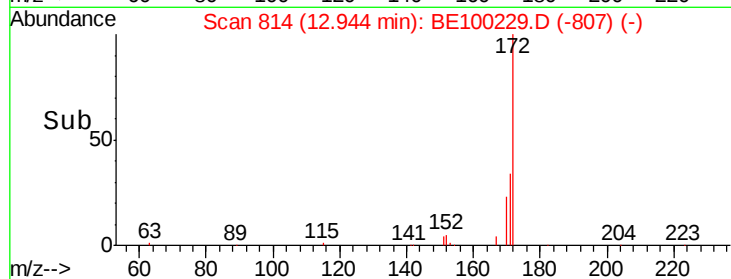
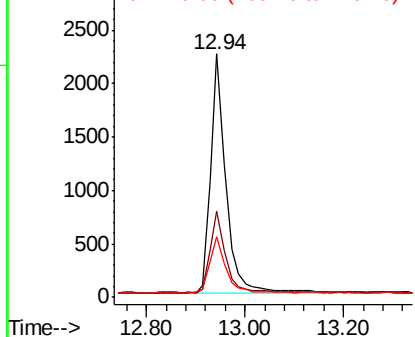
#15
2-Fluorobiphenyl
Concen: 0.792 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4755
Ion Ratio Lower Upper
172 100
171 35.2 31.9 47.9
170 25.0 22.2 33.2

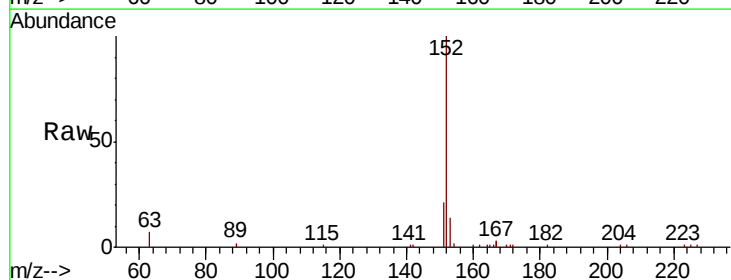


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

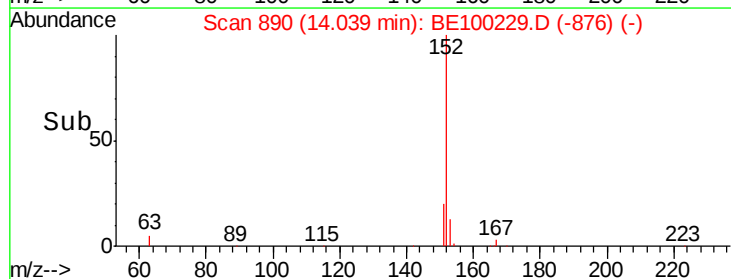
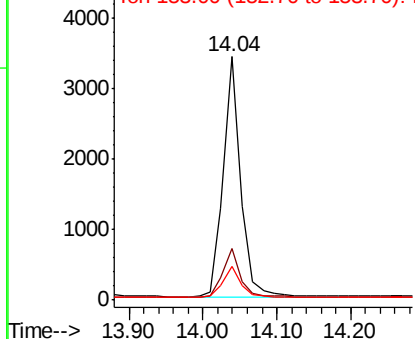


#16
Acenaphthylene
Concen: 0.763 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:152 Resp: 5566
Ion Ratio Lower Upper
152 100
151 19.9 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

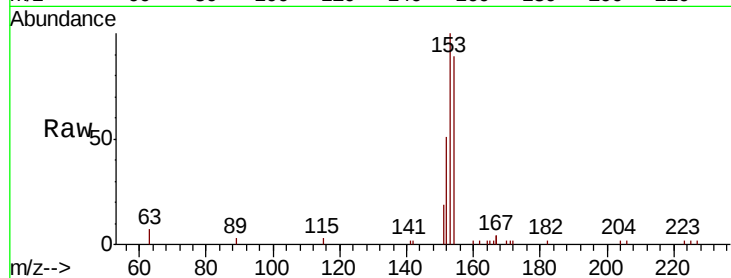




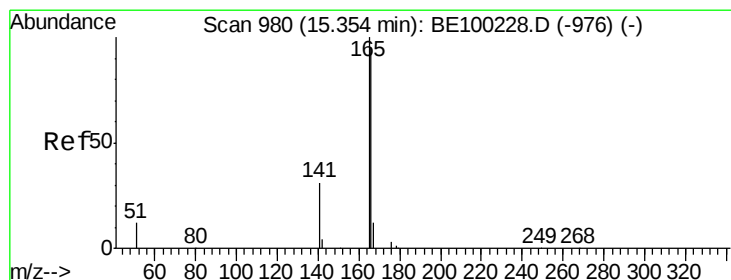
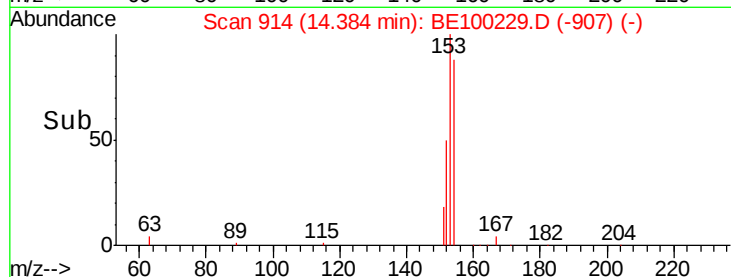
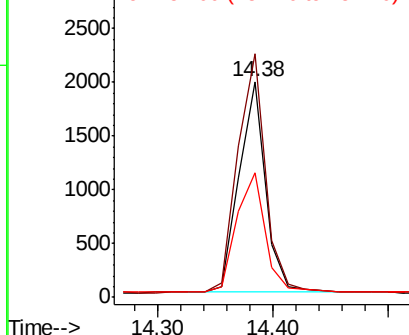
#17
Acenaphthene
Concen: 0.765 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3129
Ion Ratio Lower Upper
154 100
153 118.4 93.4 140.2
152 62.1 49.4 74.2

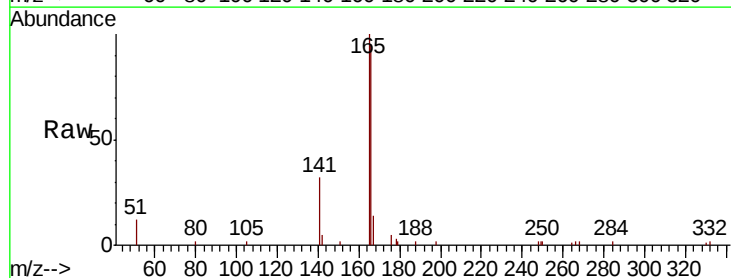


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

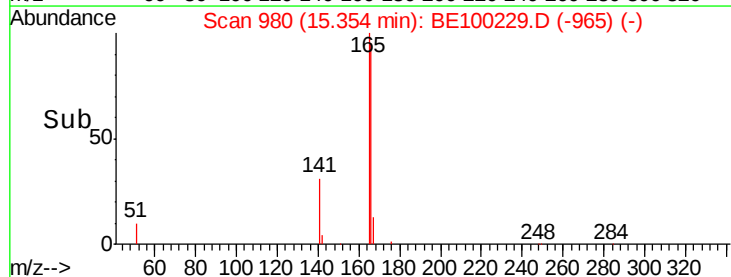
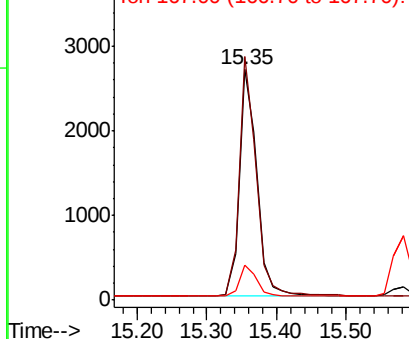


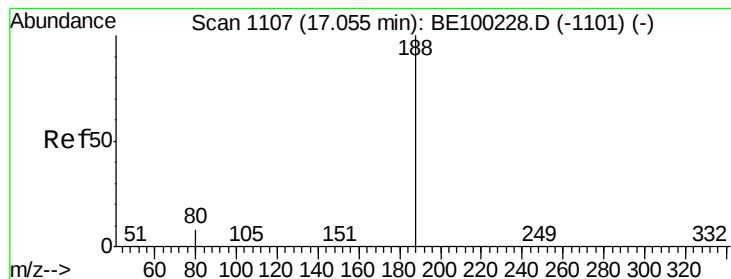
#18
Fluorene
Concen: 0.792 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:166 Resp: 4686
Ion Ratio Lower Upper
166 100
165 101.6 81.1 121.7
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

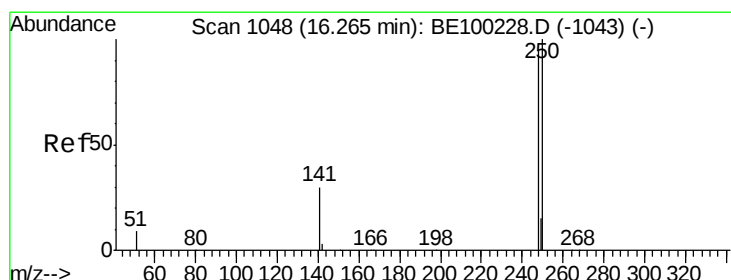
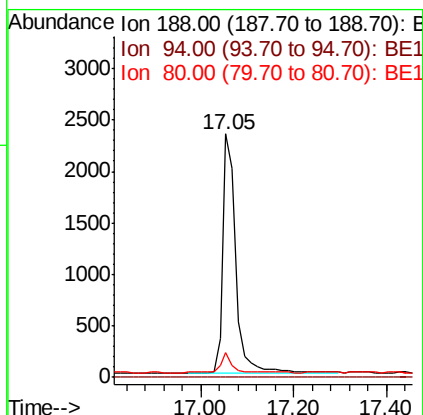
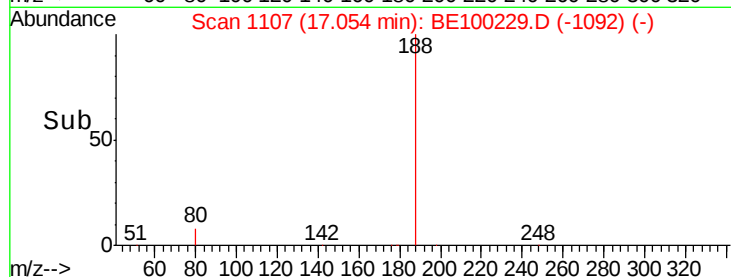
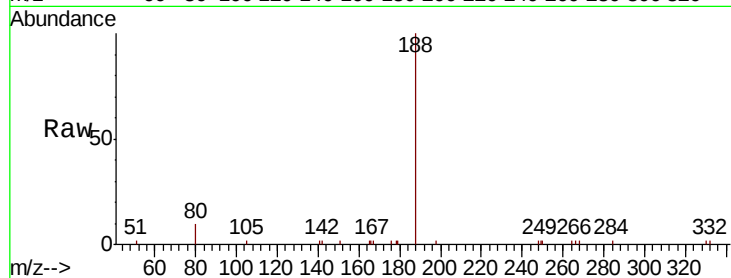
Tot Ion:188 Resp: 4553

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 0.778 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

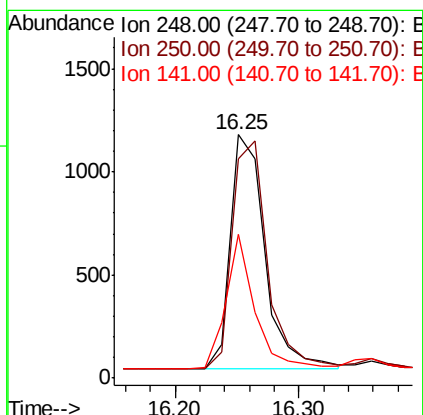
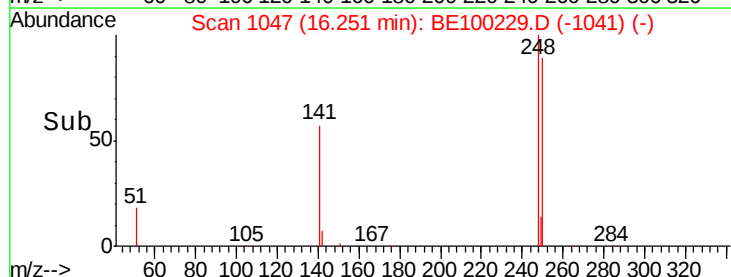
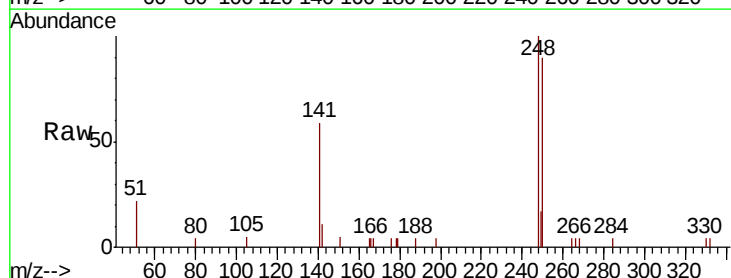
Tgt Ion:248 Resp: 2199

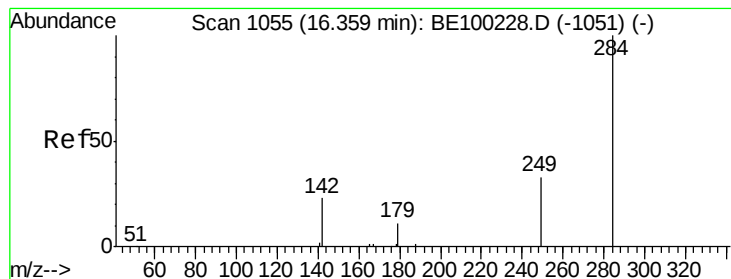
Ion Ratio Lower Upper

248 100

250 89.9 84.2 126.4

141 59.2 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.767 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

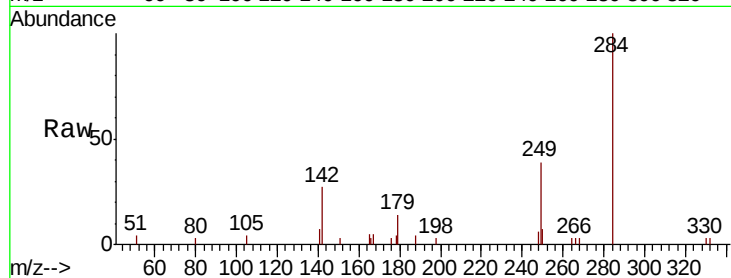
Tot Ion:284 Resp: 2377

Ion	Ratio	Lower	Upper
284	100		
142	23.4	18.8	28.2
249	31.5	23.7	35.5

284 100

142 23.4 18.8 28.2

249 31.5 23.7 35.5

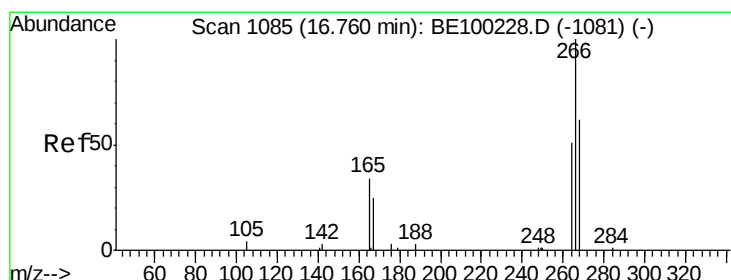
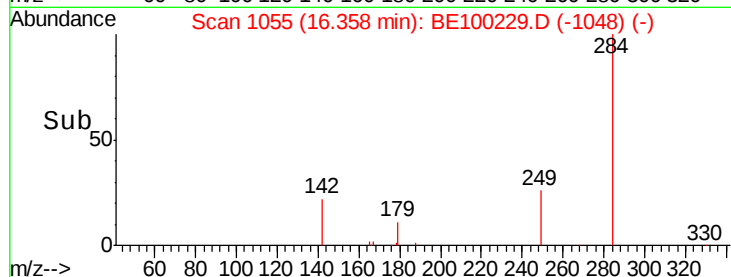
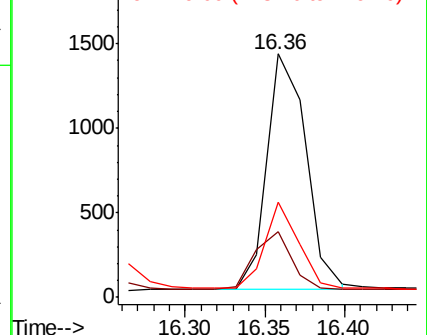


Abundance

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: 0.898 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

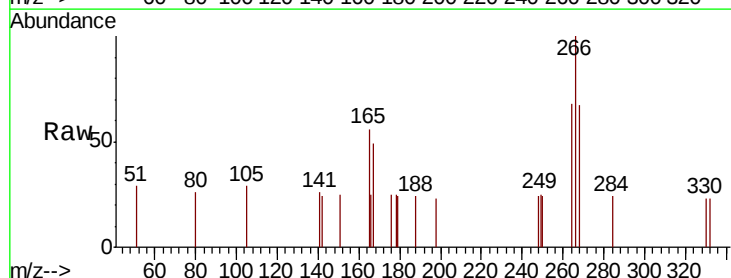
Tgt Ion:266 Resp: 655

Ion	Ratio	Lower	Upper
266	100		
264	67.9	56.2	84.2
268	67.4	61.8	92.6

266 100

264 67.9 56.2 84.2

268 67.4 61.8 92.6

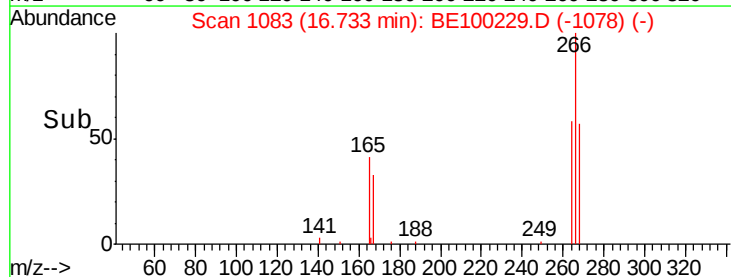
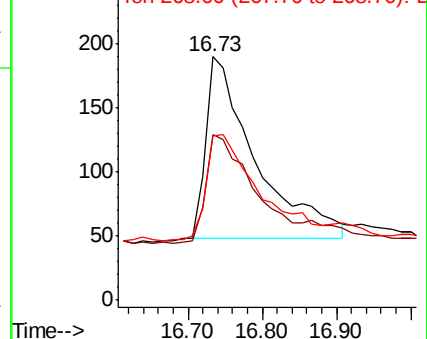


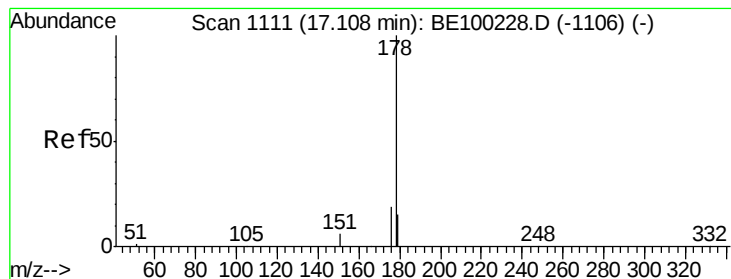
Abundance

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: 0.813 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

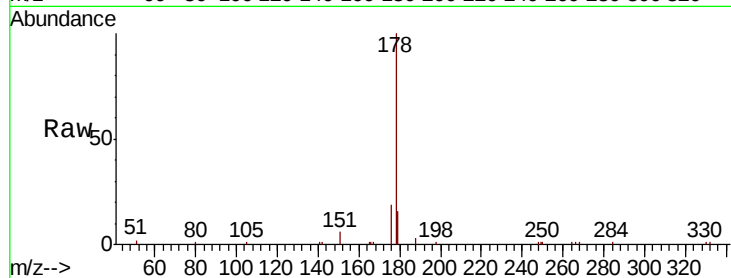
Tot Ion:178 Resp: 8763

Ion Ratio Lower Upper

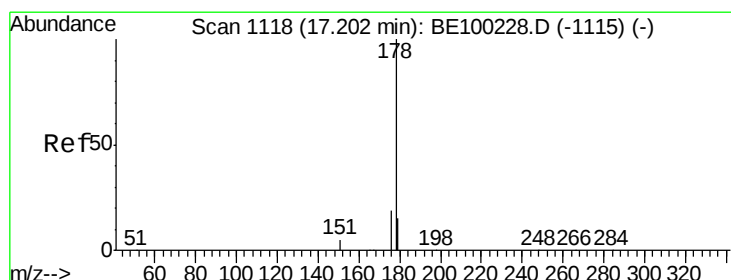
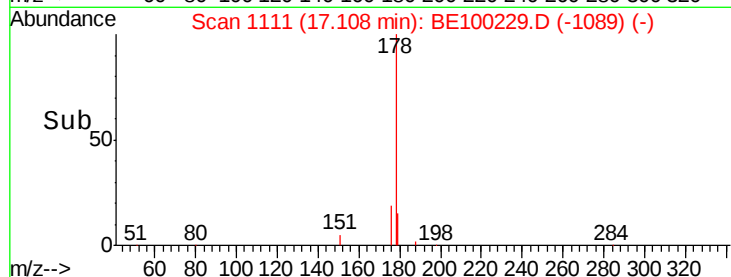
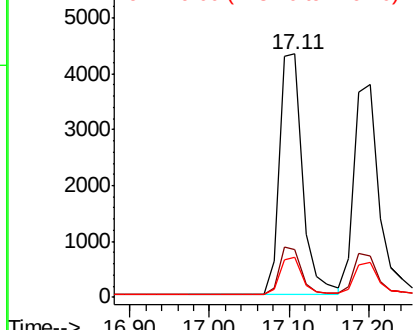
178 100

176 19.5 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: 0.876 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

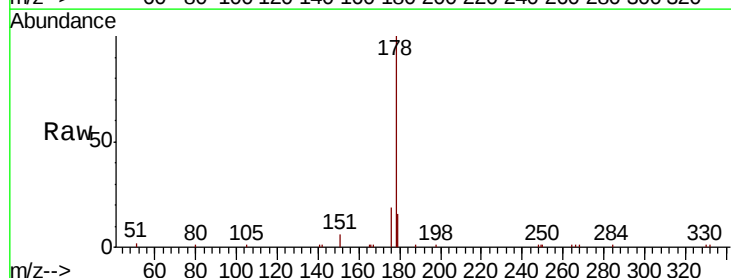
Tgt Ion:178 Resp: 7980

Ion Ratio Lower Upper

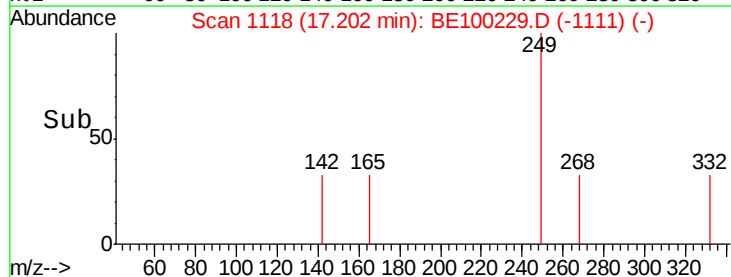
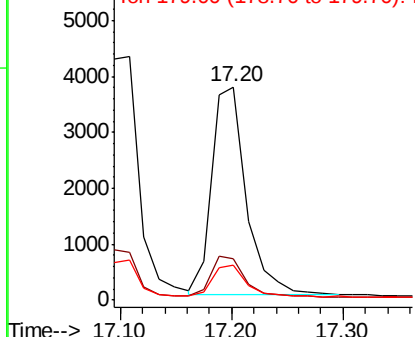
178 100

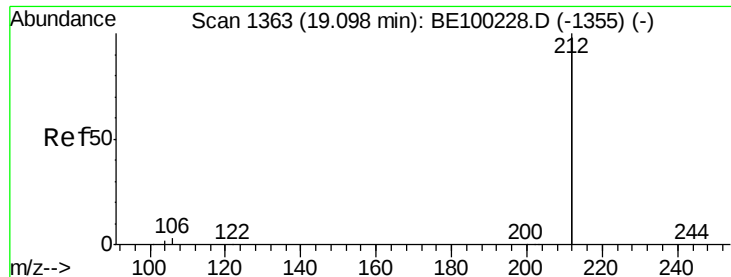
176 18.8 15.3 22.9

179 14.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

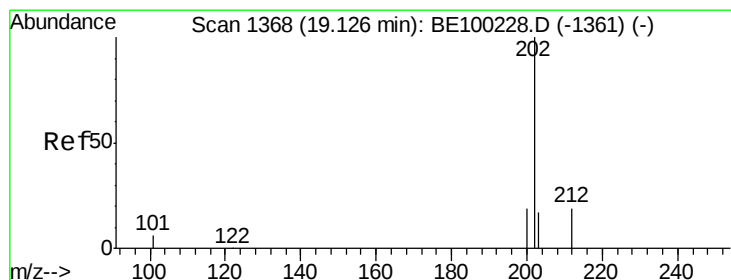
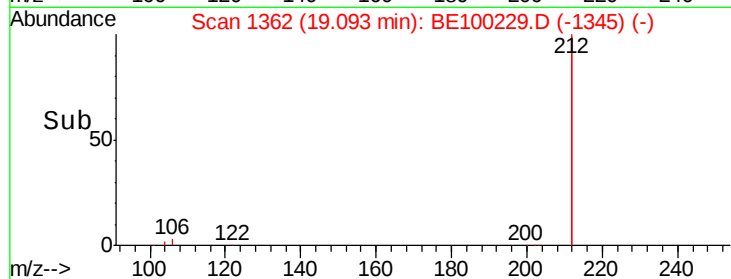
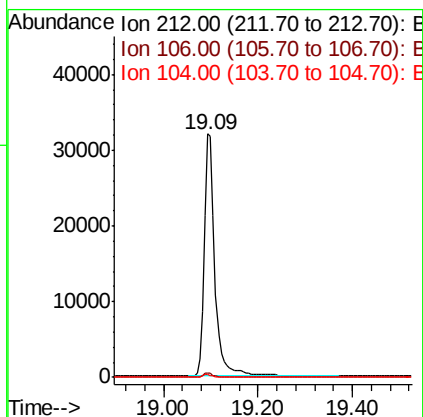
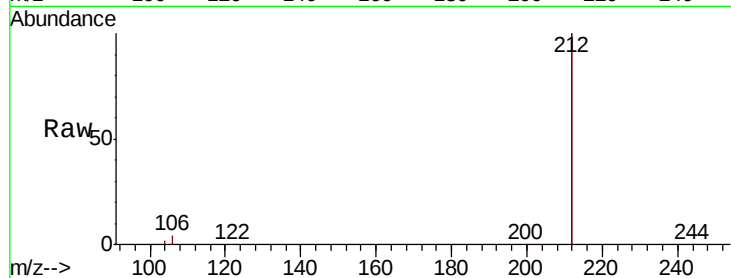




#25
 Fluoranthene-d10
 Concen: 0.782 ng
 RT: 19.09 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BE100229.D
 Acq: 28 Jun 2019 11:01

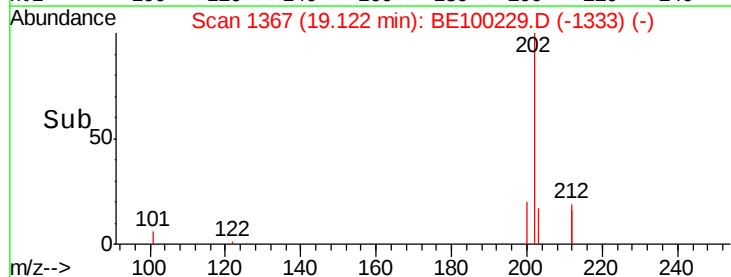
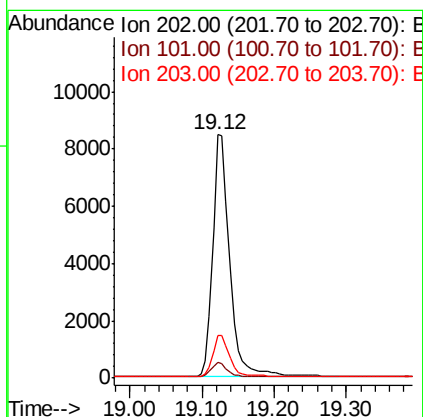
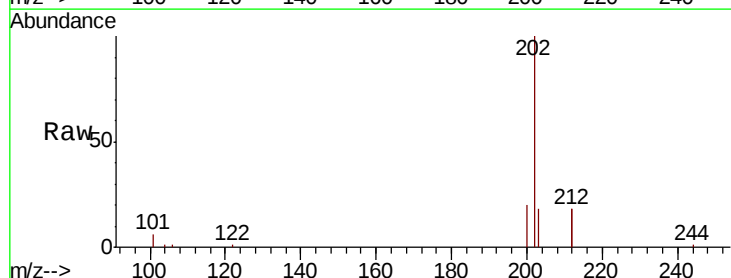
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 51308
 Ion Ratio Lower Upper
 212 100
 106 1.6 1.3 1.9
 104 0.9 0.8 1.2



#26
 Fluoranthene
 Concen: 0.788 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BE100229.D
 Acq: 28 Jun 2019 11:01

Tgt Ion:202 Resp: 13832
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.6 7.0
 203 16.8 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: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

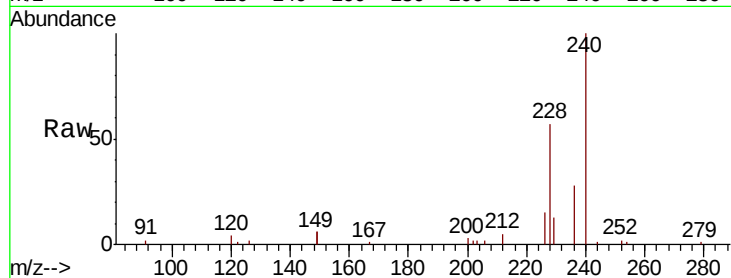
Tot Ion:240 Resp: 7045

Ion Ratio Lower Upper

240 100

120 4.1 3.3 4.9

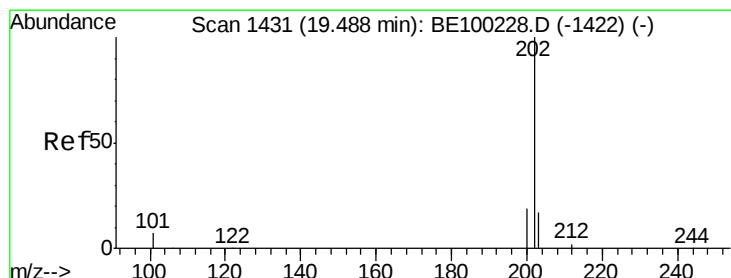
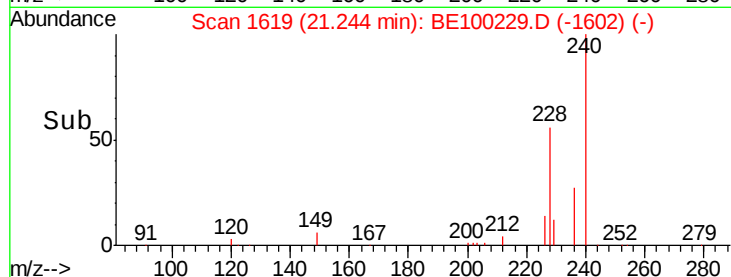
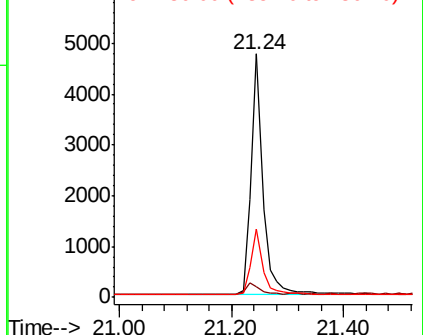
236 28.1 22.6 34.0



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: 0.787 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

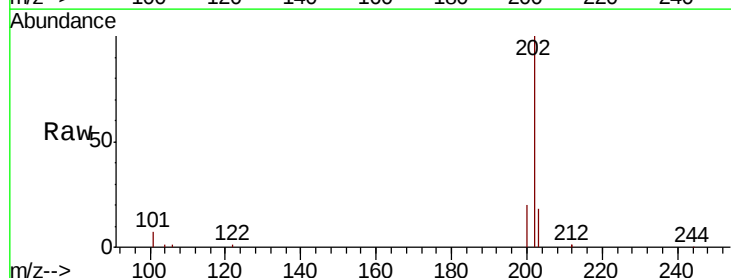
Tgt Ion:202 Resp: 14190

Ion Ratio Lower Upper

202 100

200 19.6 15.6 23.4

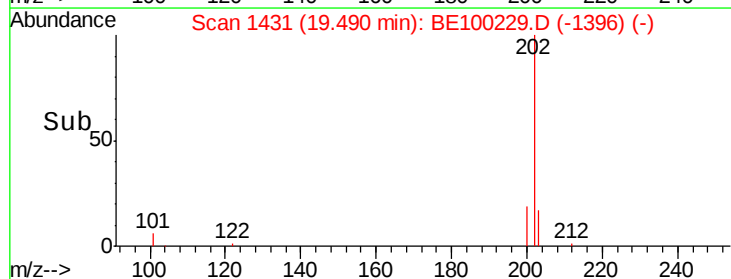
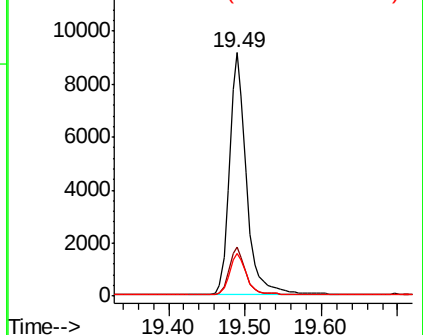
203 17.5 14.0 21.0

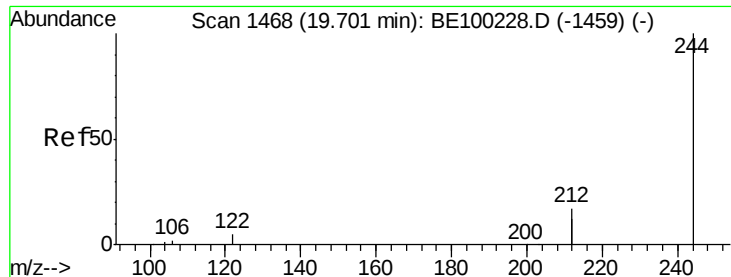


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.839 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampled :

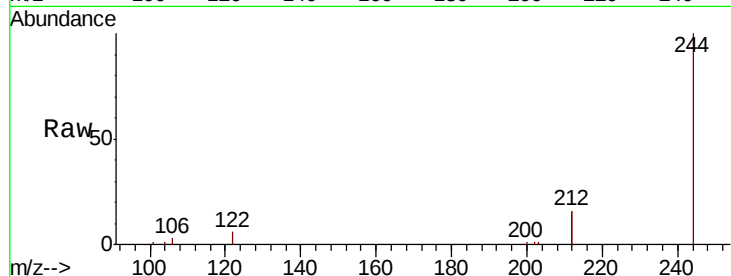
Tot Ion:244 Resp: 11603

Ion Ratio Lower Upper

244 100

212 32.2 27.3 40.9

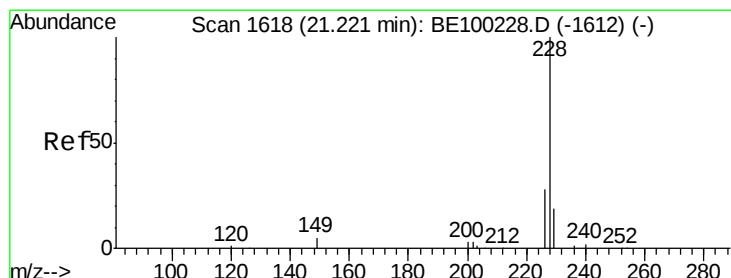
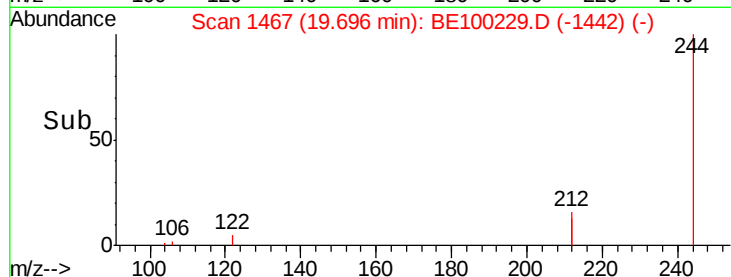
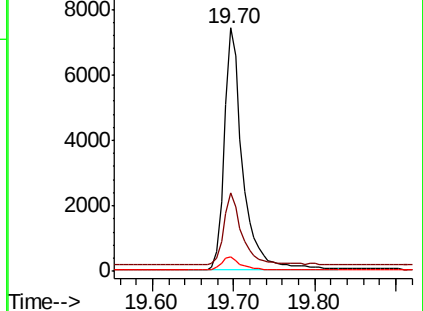
122 6.1 4.7 7.1



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: 0.866 ng

RT: 21.23 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

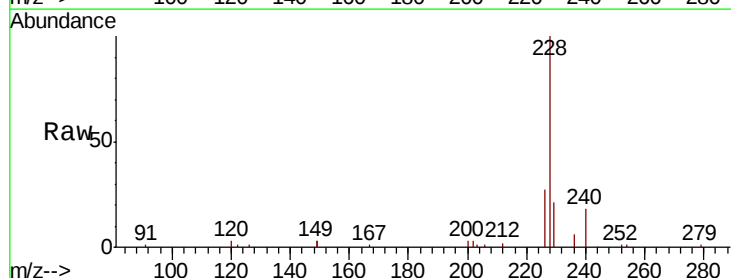
Tgt Ion:228 Resp: 17988

Ion Ratio Lower Upper

228 100

226 27.0 23.2 34.8

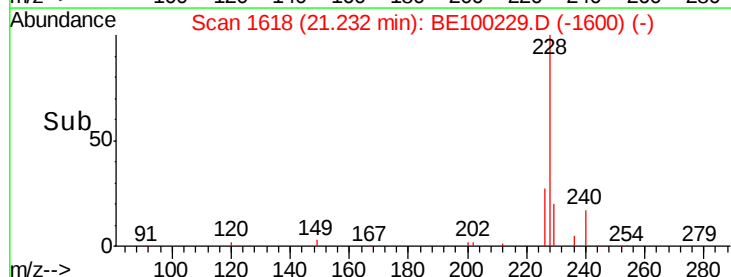
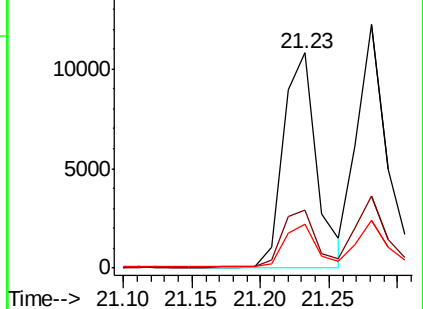
229 20.6 15.7 23.5



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

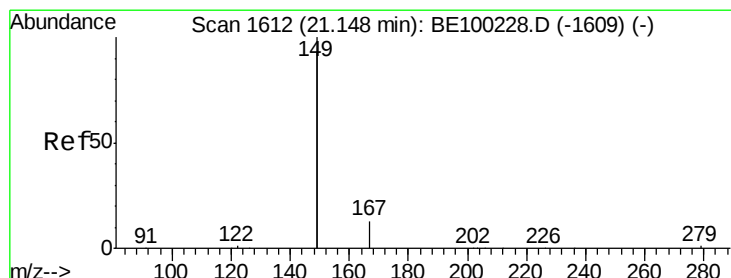
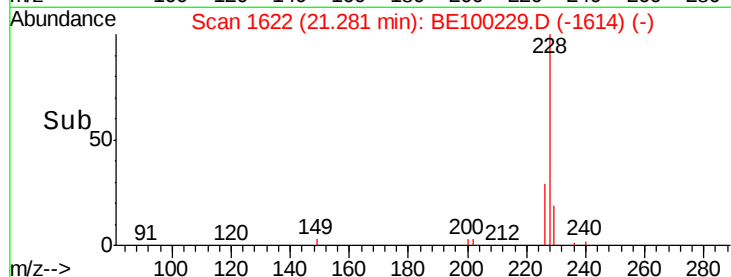
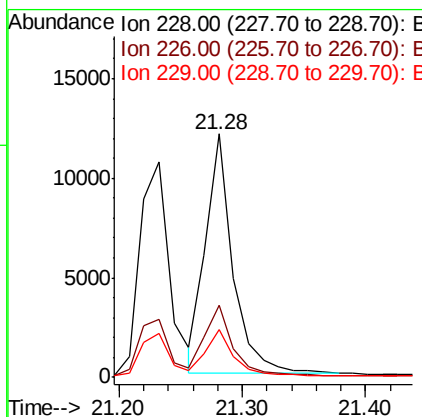
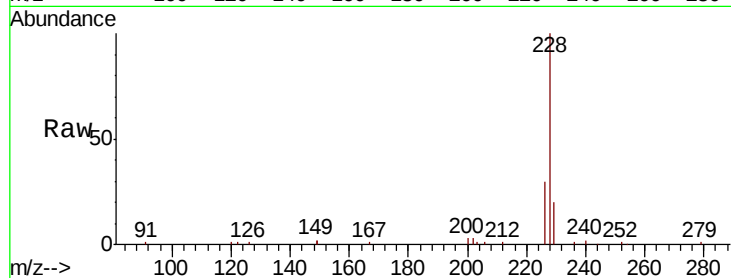




#31
 Chrysene
 Concen: 0.752 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE100229.D
 Acq: 28 Jun 2019 11:01

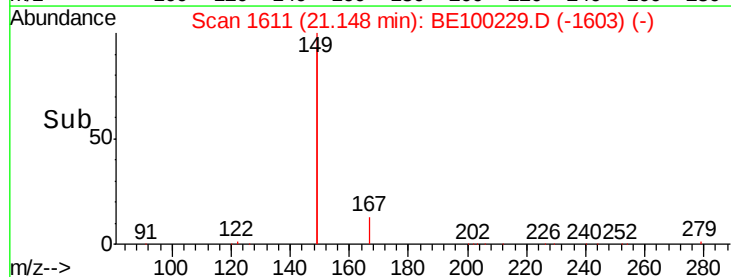
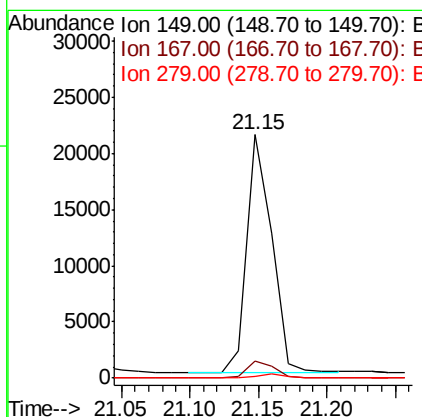
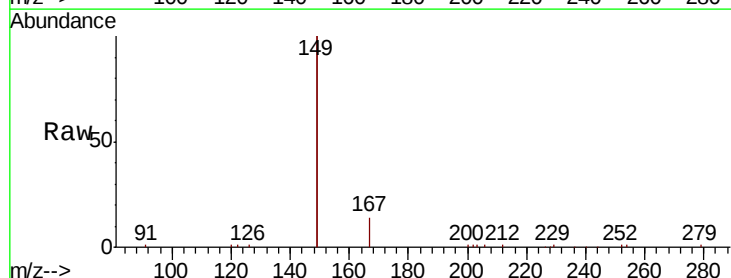
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:228 Resp: 18325
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 19.6 16.5 24.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.111 ng
 RT: 21.15 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE100229.D
 Acq: 28 Jun 2019 11:01

Tgt Ion:149 Resp: 26524
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.8 8.8
 279 1.4 1.1 1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.704 ng

RT: 26.22 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

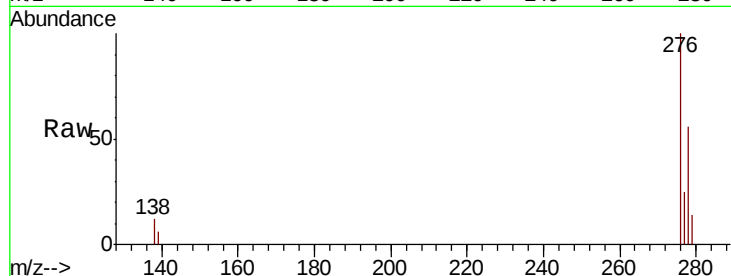
Tot Ion:276 Resp: 24422

Ion Ratio Lower Upper

276 100

138 11.5 9.4 14.0

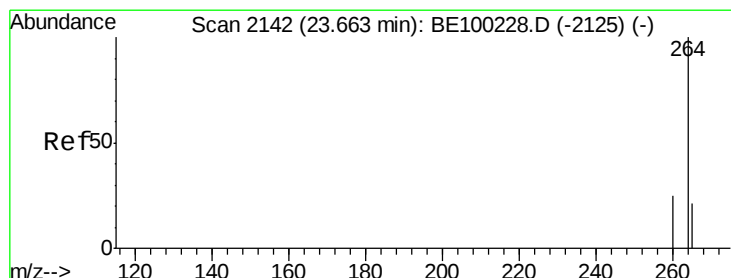
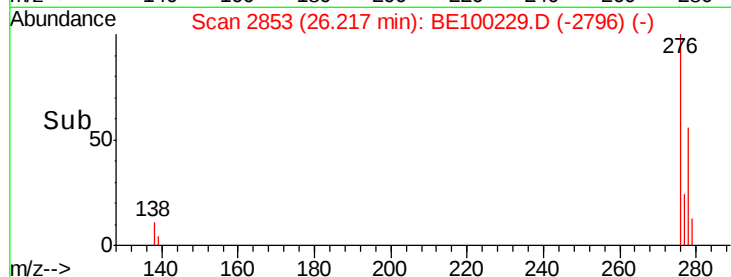
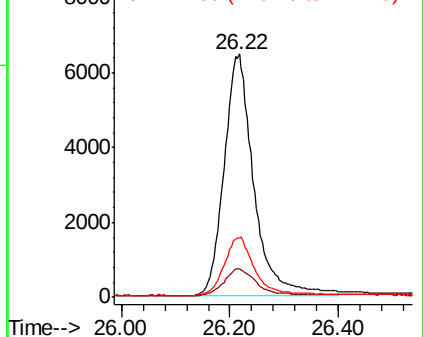
277 24.4 19.2 28.8



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: 23.67 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

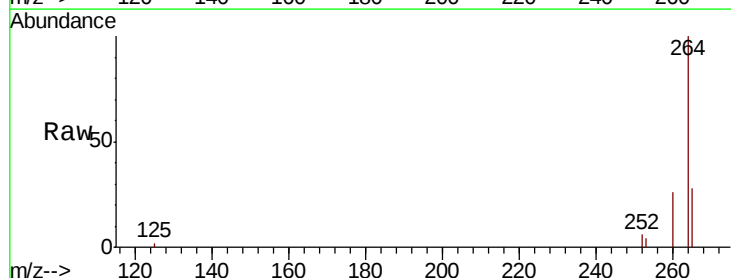
Tgt Ion:264 Resp: 8704

Ion Ratio Lower Upper

264 100

260 25.9 20.8 31.2

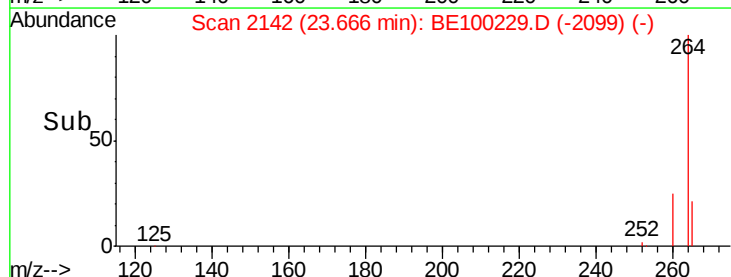
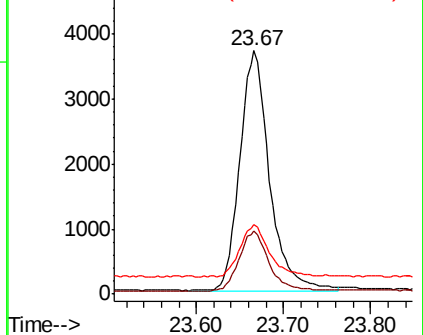
265 28.3 21.8 32.6



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

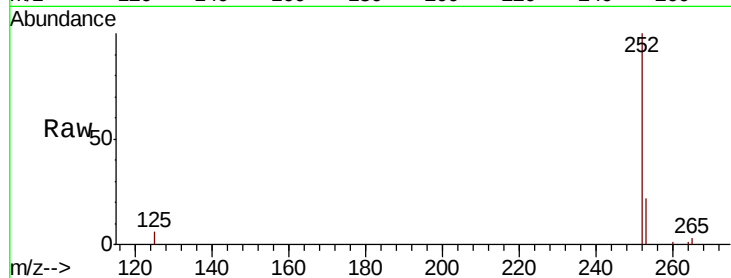




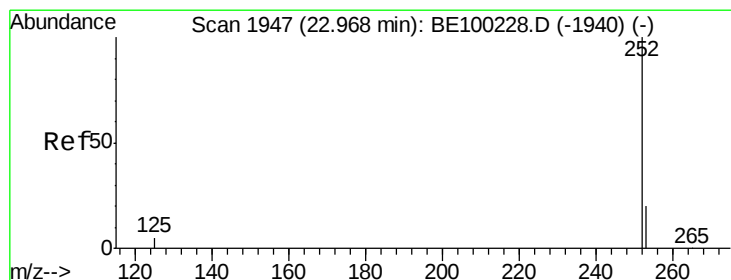
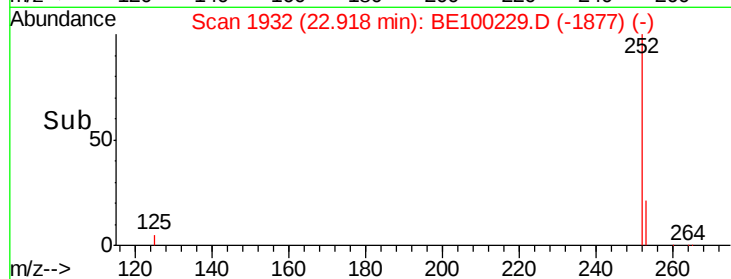
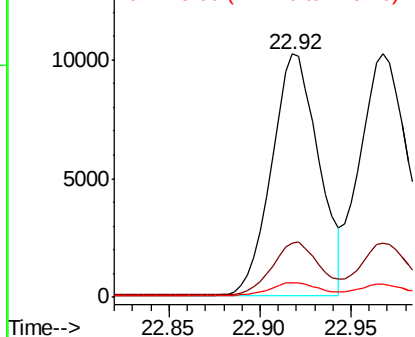
#35
Benzo(b)fluoranthene
Concen: 0.779 ng
RT: 22.92 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 18230
Ion Ratio Lower Upper
252 100
253 22.4 19.2 28.8
125 6.0 7.4 11.0#

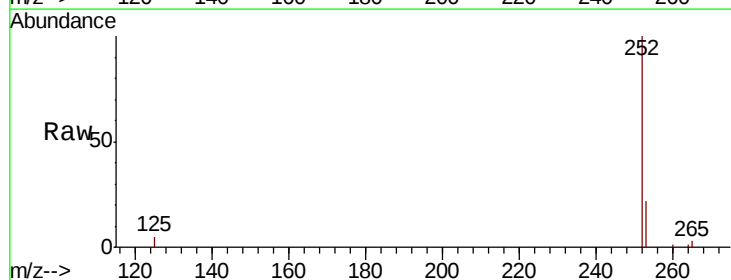


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

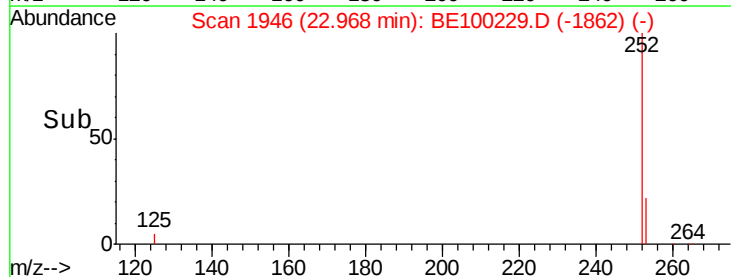
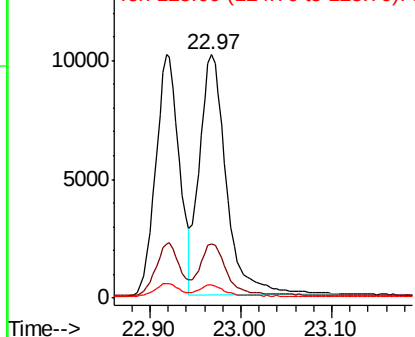


#36
Benzo(k)fluoranthene
Concen: 0.732 ng
RT: 22.97 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:252 Resp: 20502
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 5.4 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: 0.766 ng

RT: 23.56 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

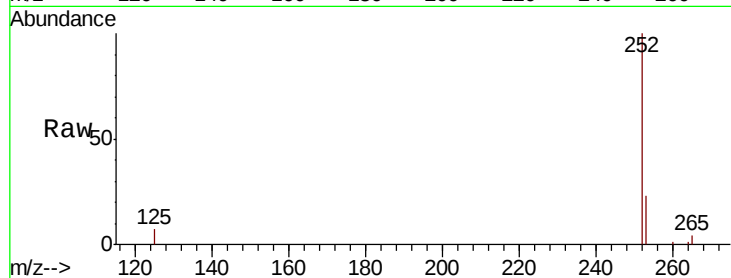
Tot Ion:252 Resp: 18578

Ion Ratio Lower Upper

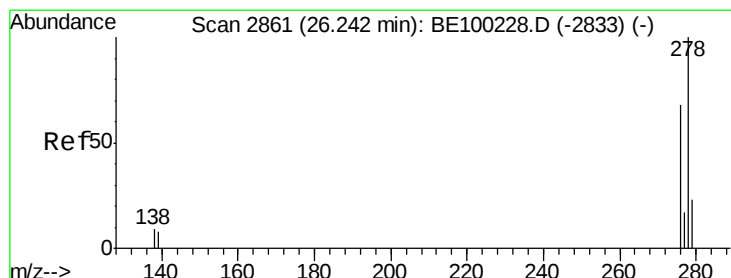
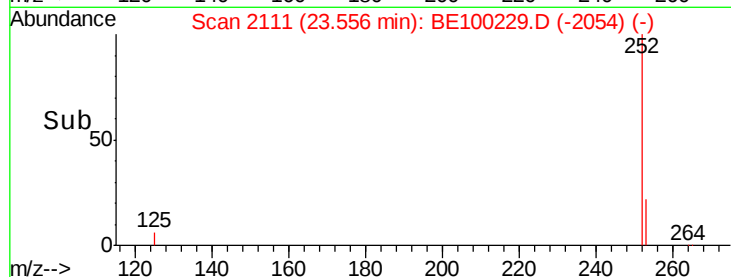
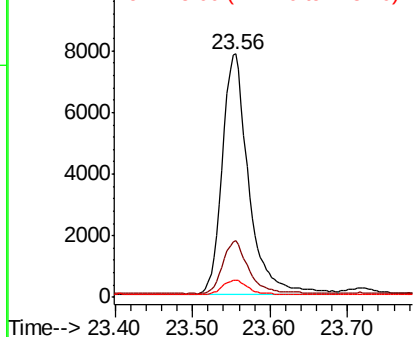
252 100

253 23.3 19.6 29.4

125 7.0 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: 0.737 ng

RT: 26.24 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

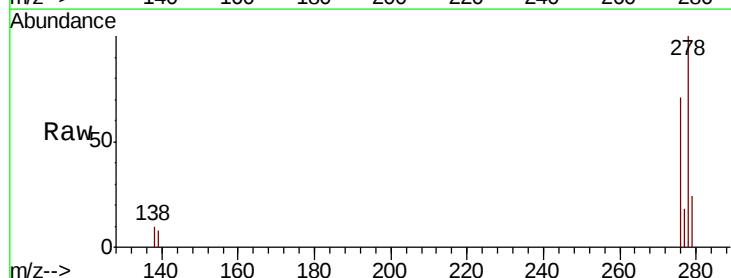
Tgt Ion:278 Resp: 19131

Ion Ratio Lower Upper

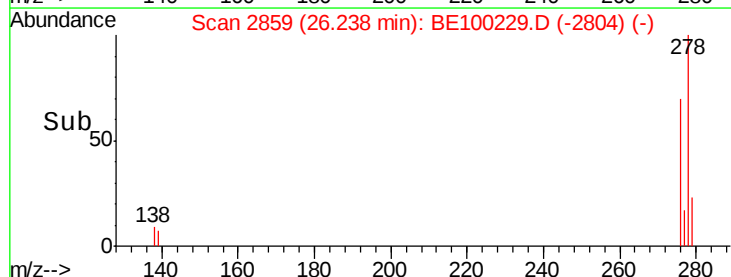
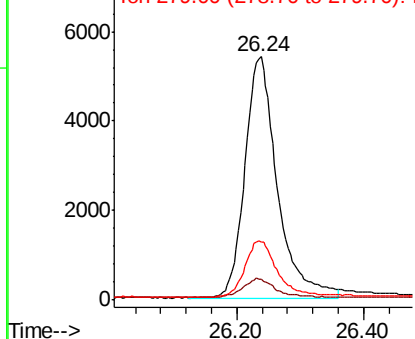
278 100

139 8.4 8.2 12.2

279 23.9 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: 0.743 ng

RT: 27.00 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100229.D

Acq: 28 Jun 2019 11:01

Instrument :

BNA_E

ClientSampleId :

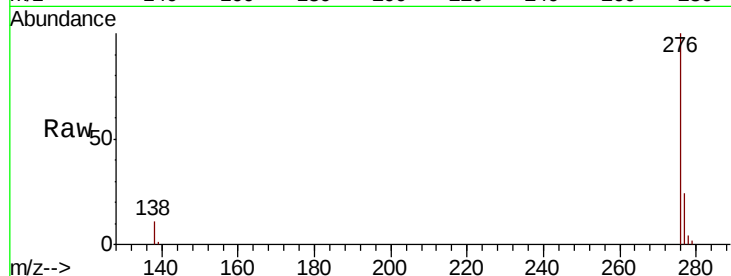
Tot Ion:276 Resp: 20126

Ion Ratio Lower Upper

276 100

277 24.1 20.2 30.2

138 10.8 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

