

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100362.D
 Acq On : 4 Jul 2019 12:14
 Operator : JU/SJ
 Sample : K3560-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 05 01:14:41 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	7	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	5	0.40	ng	0.04
13) Acenaphthene-d10	14.40	164	10	0.40	ng	0.09
19) Phenanthrene-d10	17.15	188	19	0.40	ng	0.09
27) Chrysene-d12	21.35	240	60	0.40	ng	0.11
34) Perylene-d12	23.80	264	52	0.40	ng	0.14

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	502	28.12	ng	-0.01
5) Phenol-d6	6.83	99	652	27.76	ng	-0.01
8) Nitrobenzene-d5	8.81	82	456	91.79	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	951	101.13	ng	-0.01
14) 2,4,6-Tribromophenol	16.13	330	4	0.57	ng	0.31
15) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
25) Fluoranthene-d10	19.19	212	496	1.80	ng	0.09
29) Terphenyl-d14	19.69	244	4677	37.61	ng	-0.01

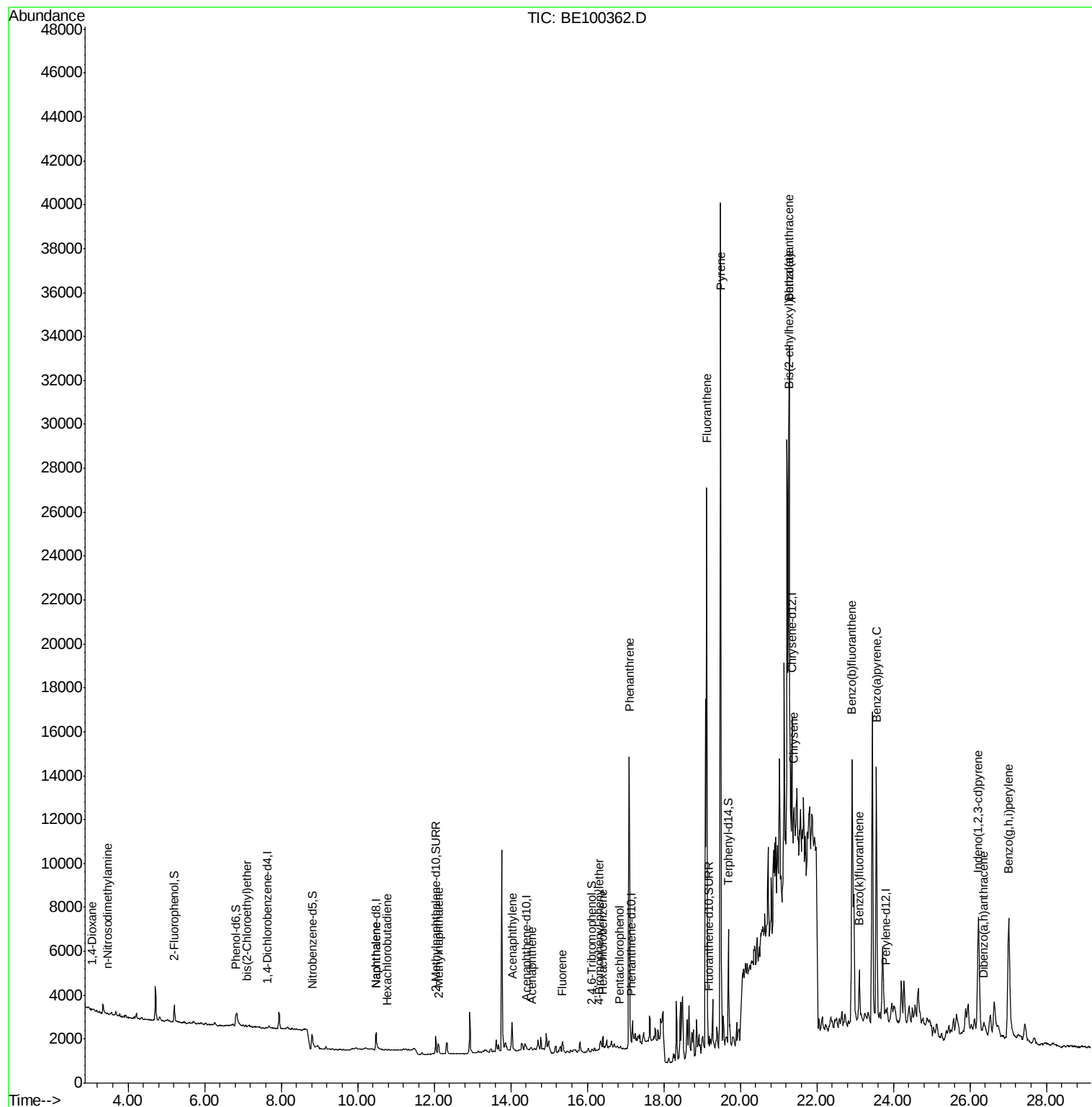
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	55	5.064	ng	# 32
3) n-Nitrosodimethylamine	3.48	42	15	2.963	ng	# 1
6) bis(2-Chloroethyl)ether	7.10	93	7	0.363	ng	# 1
9) Naphthalene	10.48	128	1705	30.920	ng	# 90
10) Hexachlorobutadiene	10.77	225	4	0.753	ng	# 1
12) 2-Methylnaphthalene	12.11	142	325	33.585	ng	# 82
16) Acenaphthylene	14.04	152	2138	44.552	ng	# 97
17) Acenaphthene	14.54	154	23	0.846	ng	# 1
18) Fluorene	15.35	166	588	14.622	ng	# 71
20) 4-Bromophenyl-phenylether	16.32	248	11	0.907	ng	# 56
21) Hexachlorobenzene	16.40	284	2	0.159	ng	# 48
22) Pentachlorophenol	16.84	266	4	1.056	ng	# 70
23) Phenanthrene	17.09	178	14618	317.436	ng	# 98
26) Fluoranthene	19.12	202	24792	337.996	ng	# 99
28) Pyrene	19.48	202	36767	231.454	ng	# 97
30) Benzo(a)anthracene	21.28	228	26390	133.768	ng	# 89
31) Chrysene	21.40	228	1955	9.869	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	5211	18.631	ng	# 82
33) Indeno(1,2,3-cd)pyrene	26.22	276	11203	42.757	ng	# 97
35) Benzo(b)fluoranthene	22.92	252	22015	156.153	ng	# 96
36) Benzo(k)fluoranthene	23.11	252	3577	22.730	ng	# 62
37) Benzo(a)pyrene	23.56	252	18528	131.126	ng	# 96
38) Dibenzo(a,h)anthracene	26.37	278	1059	7.176	ng	# 1
39) Benzo(g,h,i)perylene	27.01	276	14902	98.298	ng	# 93

(#) = 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: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

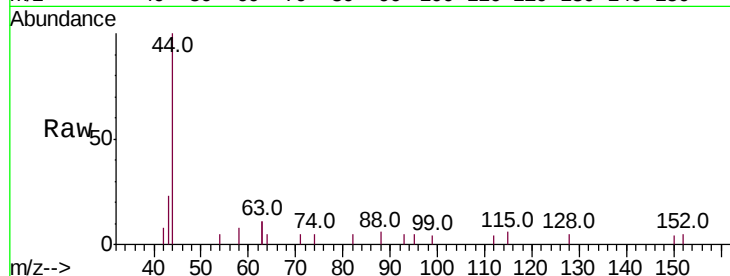
Tot Ion:152 Resp: 7

Ion Ratio Lower Upper

152 100

150 87.3 114.5 171.7#

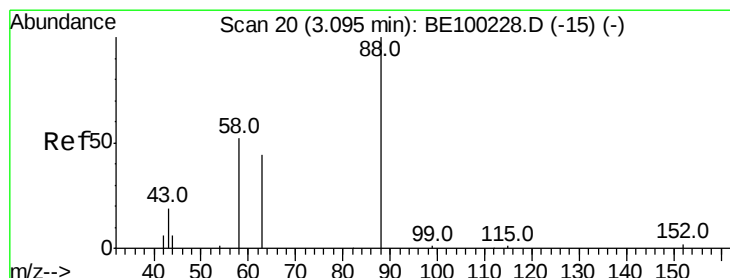
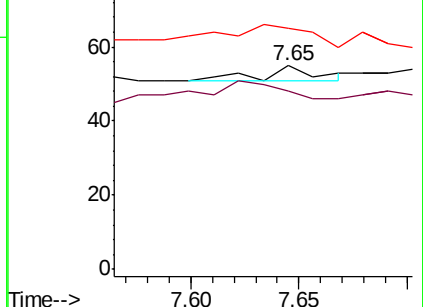
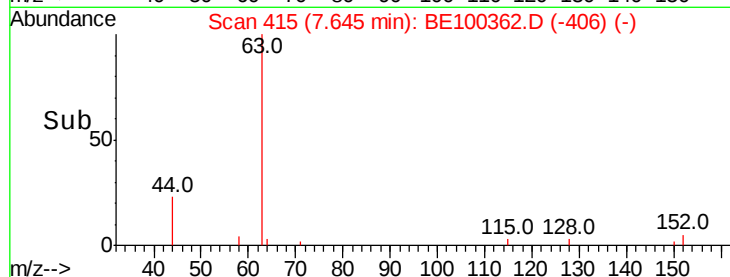
115 118.2 57.1 85.7#



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: 5.064 ng

RT: 3.05 min Scan# 16

Delta R.T. -0.04 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

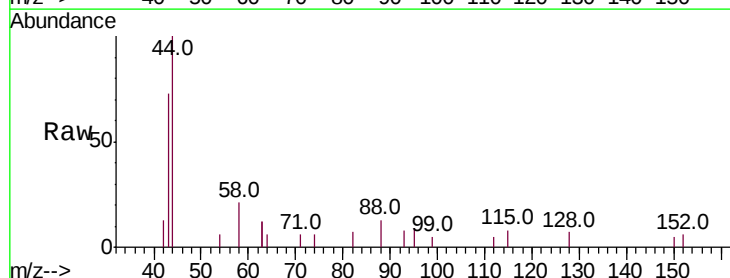
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

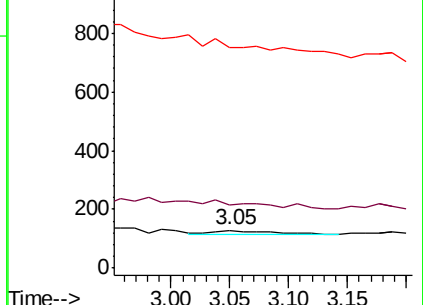
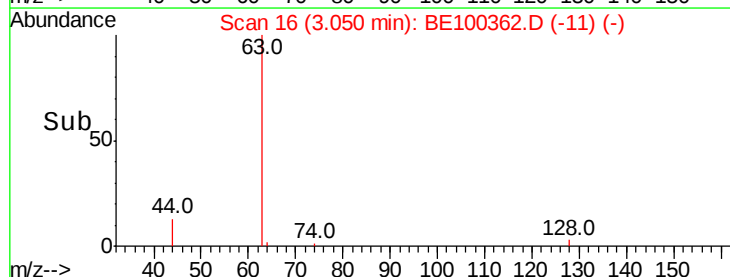
43 0.0 21.4 32.0#

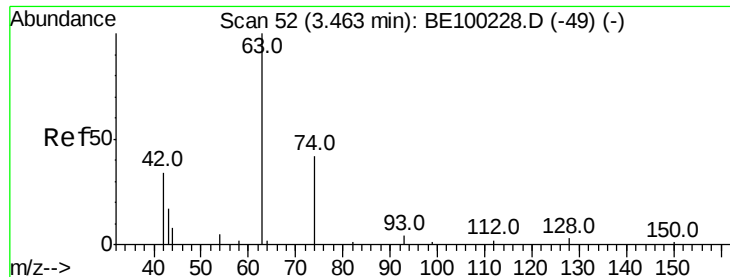


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 2.963 ng

RT: 3.48 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100362.D

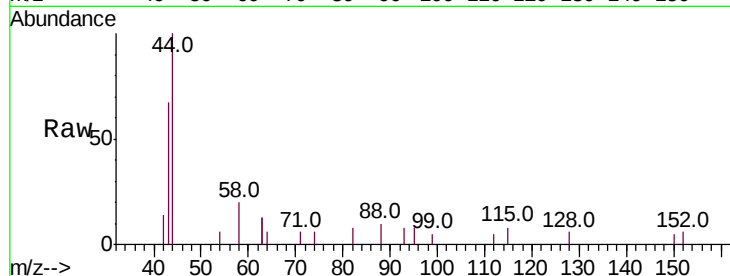
Acq: 4 Jul 2019 12:14

Instrument :

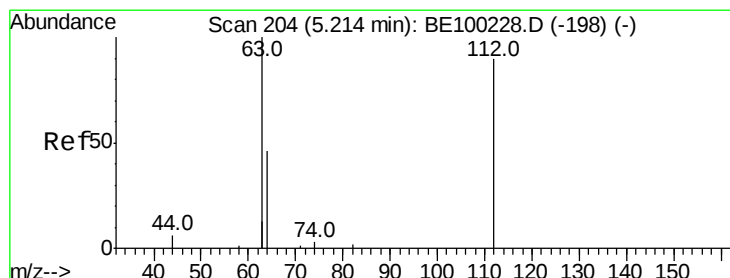
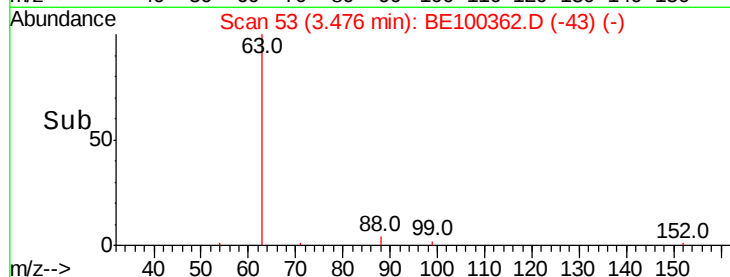
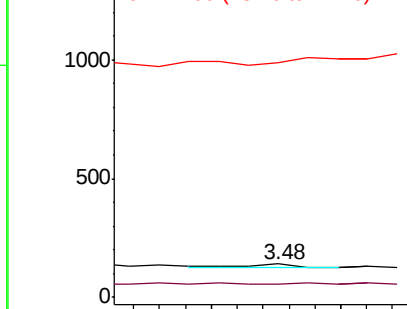
BNA_E

ClientSampled :

Tot Ion:	42	Resp:	15
Ion	Ratio	Lower	Upper
42	100		
74	20.0	130.6	196.0#
44	0.0	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: 28.118 ng

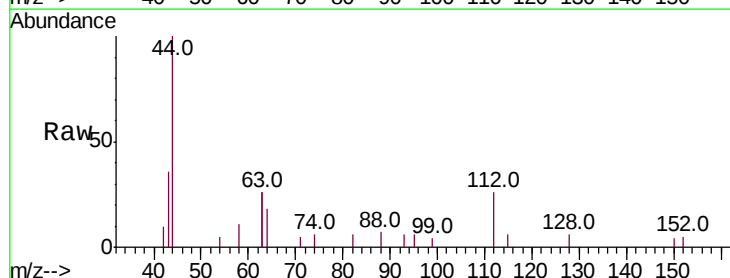
RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

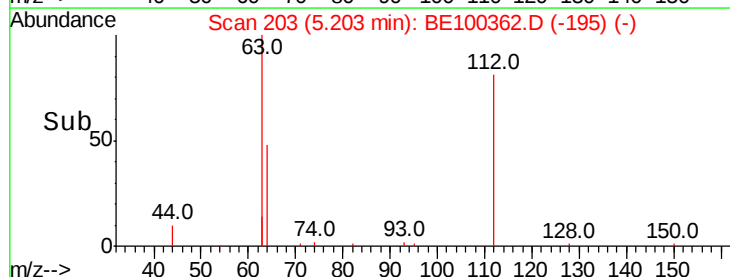
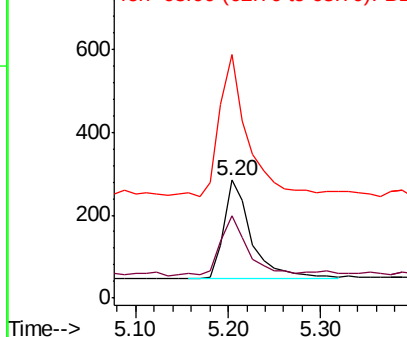
Lab File: BE100362.D

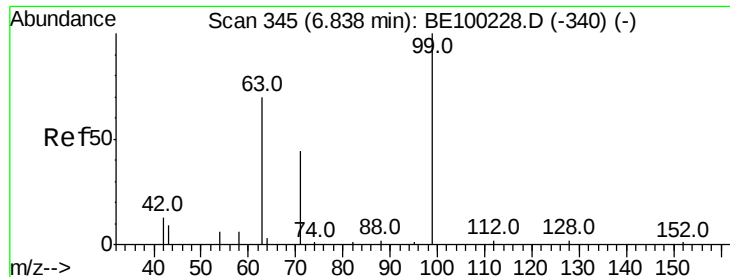
Acq: 4 Jul 2019 12:14

Tgt Ion:	112	Resp:	502
Ion	Ratio	Lower	Upper
112	100		
64	61.6	39.4	59.0#
63	136.3	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: 27.764 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

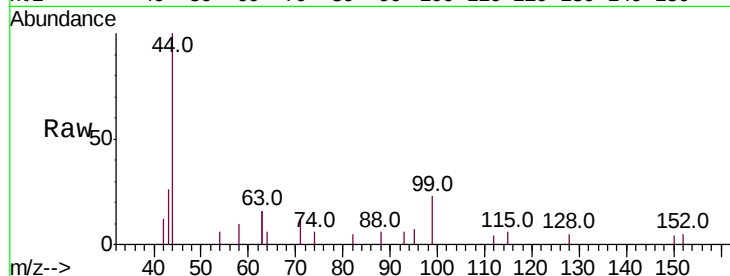
Tot Ion: 99 Resp: 652

Ion Ratio Lower Upper

99 100

42 21.9 11.2 16.8#

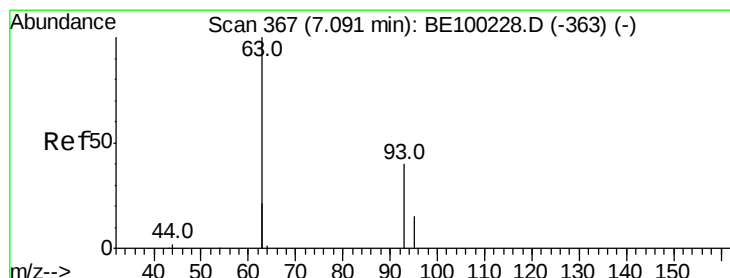
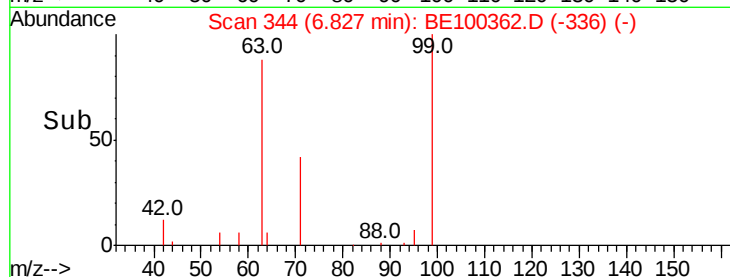
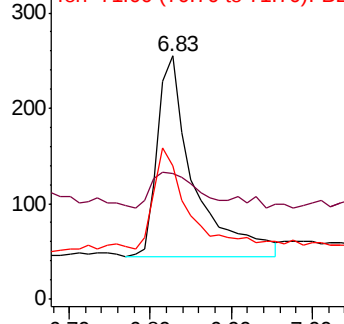
71 48.2 37.2 55.8



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: 0.363 ng

RT: 7.10 min Scan# 368

Delta R.T. 0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

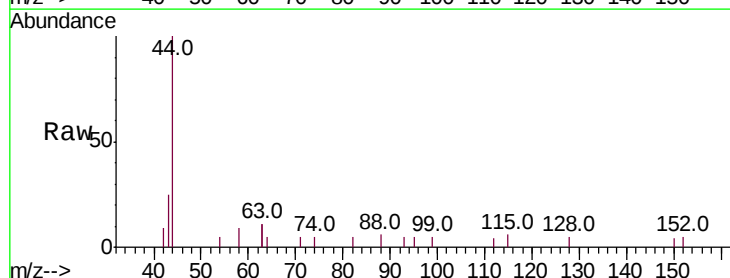
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 0.0 155.6 233.4#

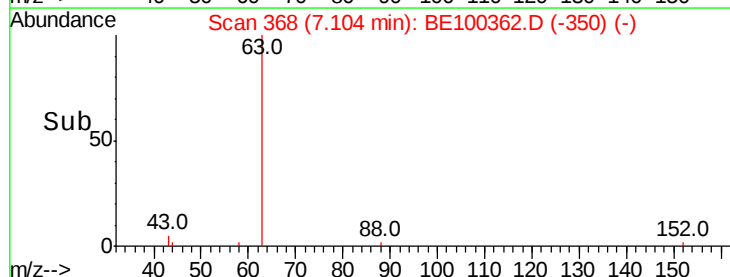
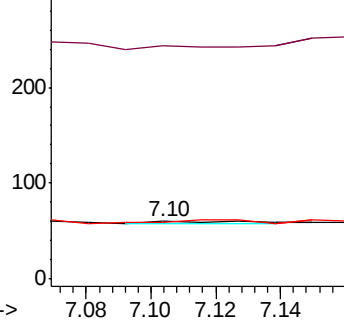
95 57.1 23.0 34.4#

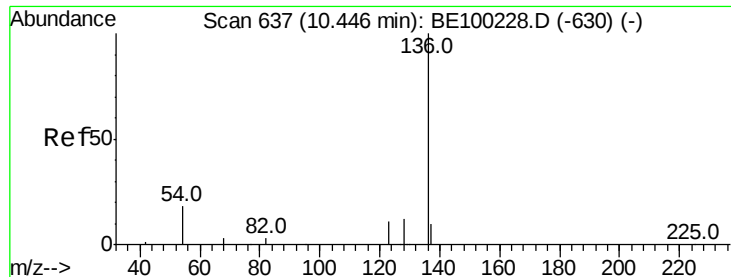


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.48 min Scan# 640

Delta R.T. 0.04 min

Lab File: BE100362.D

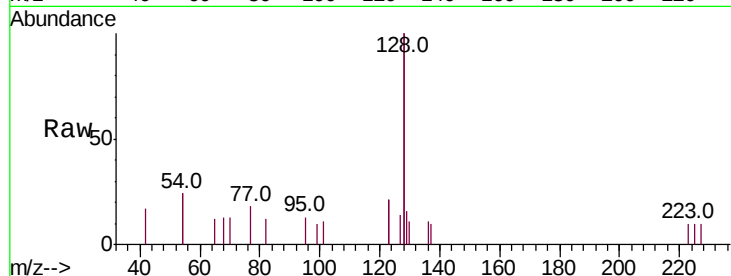
Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	5
Ion	Ratio	Lower Upper
136	100	
137	96.0	11.8 17.8#
54	440.0	27.7 41.5#
68	122.0	6.8 10.2#

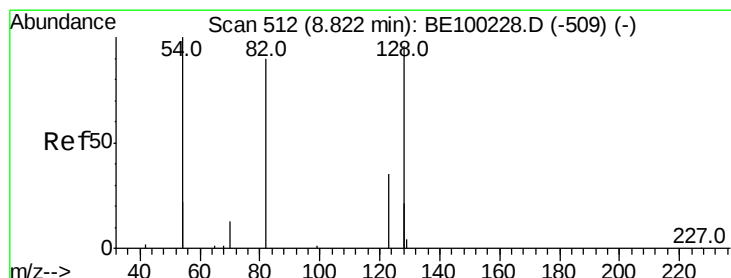
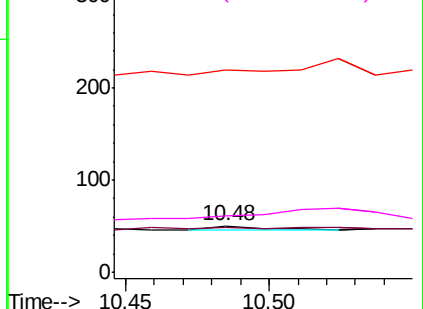
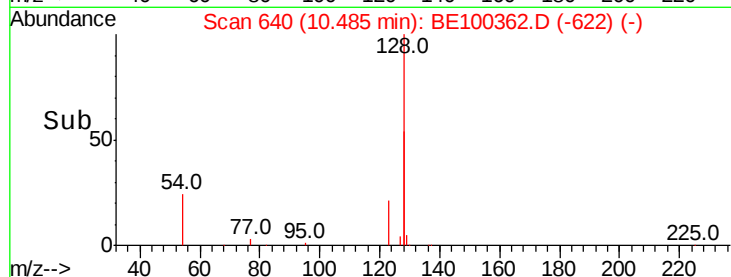


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.789 ng

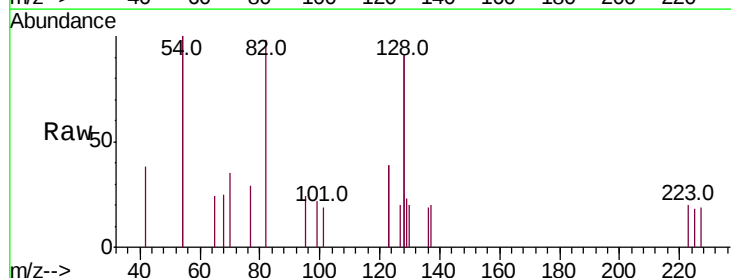
RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

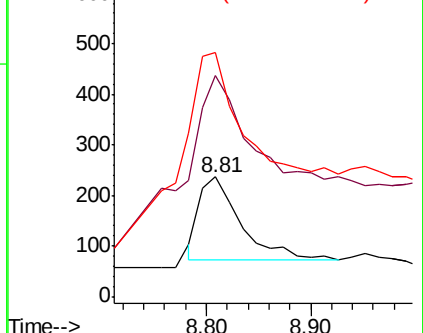
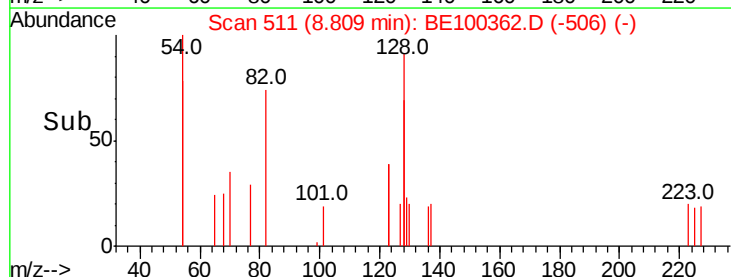
Tgt Ion: 82	Resp:	456
Ion	Ratio	Lower Upper
82	100	
128	185.6	140.9 211.3
54	204.2	146.2 219.2

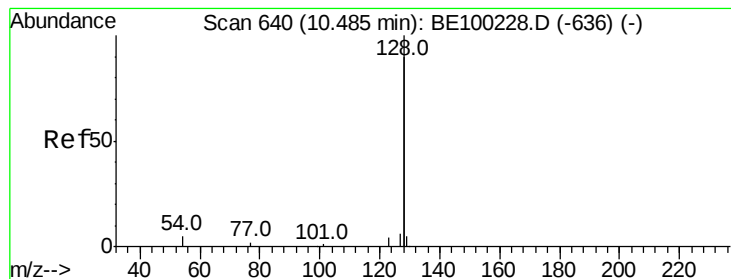


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 30.920 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampled :

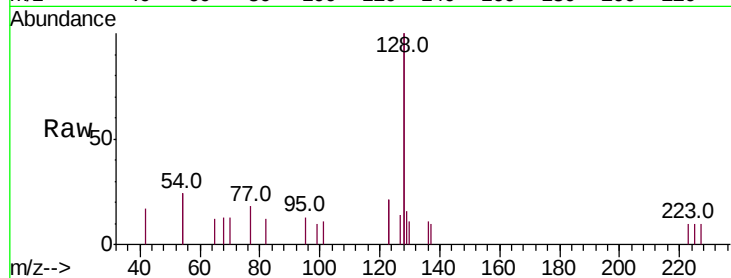
Tot Ion:128 Resp: 1705

Ion Ratio Lower Upper

128 100

129 7.9 3.0 4.6#

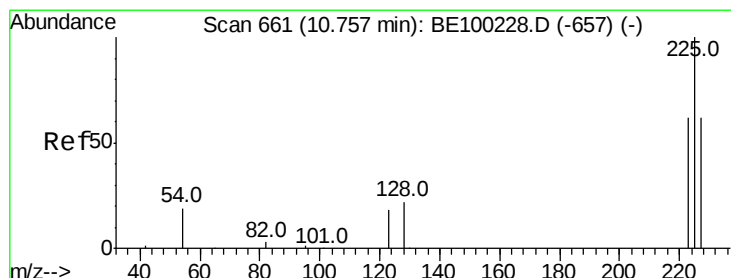
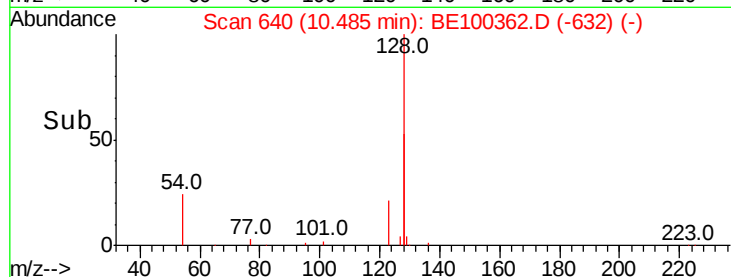
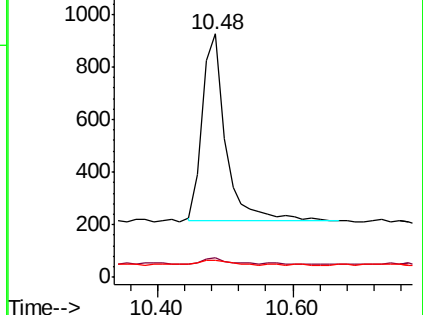
127 7.2 3.5 5.3#



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: 0.753 ng

RT: 10.77 min Scan# 662

Delta R.T. 0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

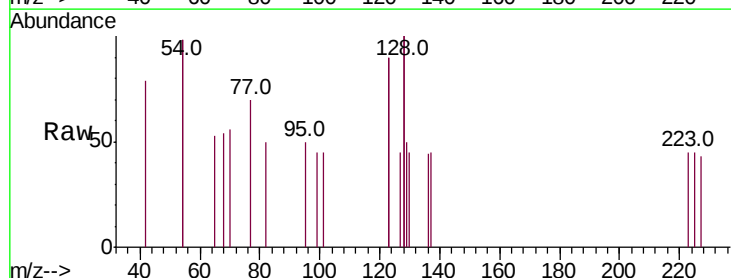
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

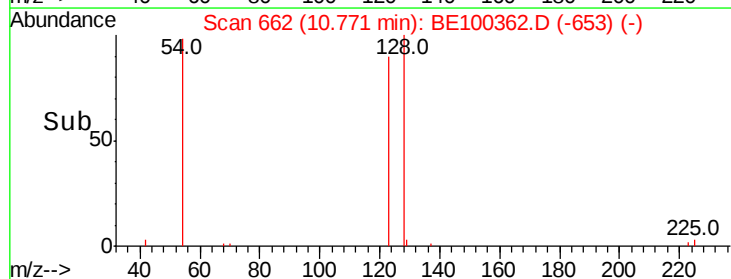
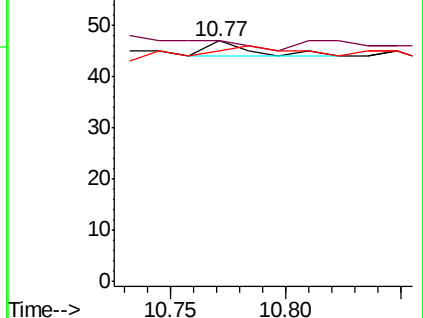
227 250.0 49.3 73.9#

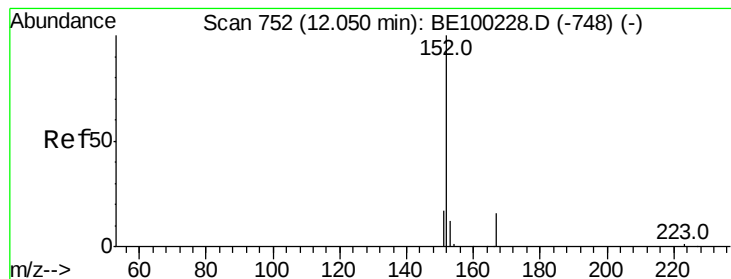


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 101.129 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

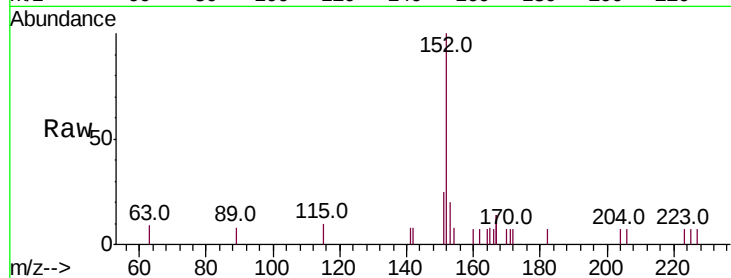
ClientSampleId :

Tot Ion:152 Resp: 951

Ion Ratio Lower Upper

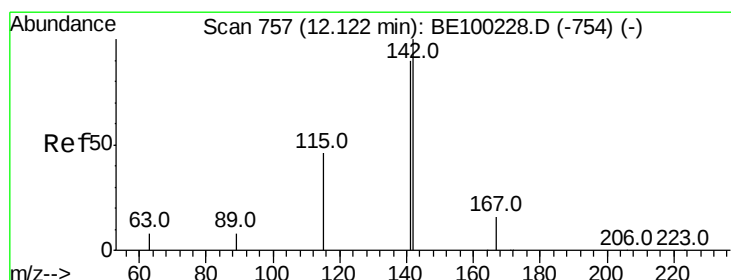
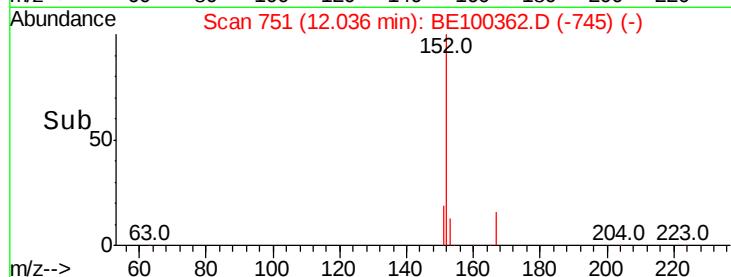
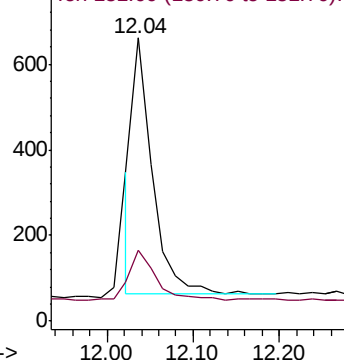
152 100

151 21.5 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: 33.585 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

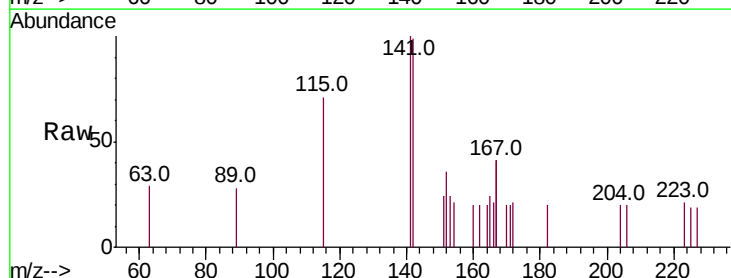
Tgt Ion:142 Resp: 325

Ion Ratio Lower Upper

142 100

141 101.3 72.4 108.6

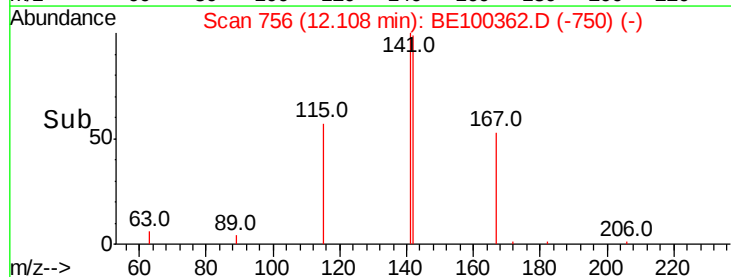
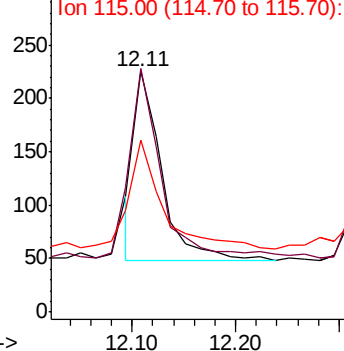
115 71.6 40.4 60.6#

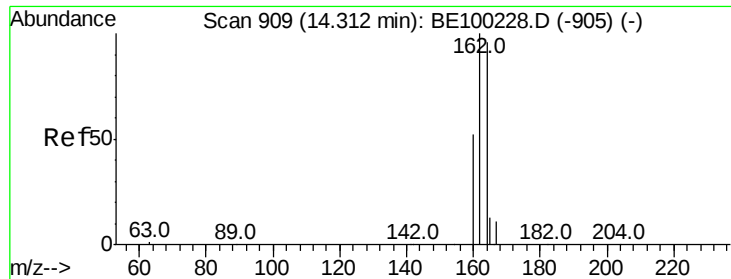


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

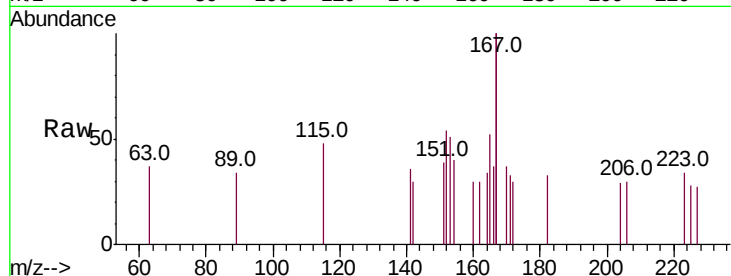




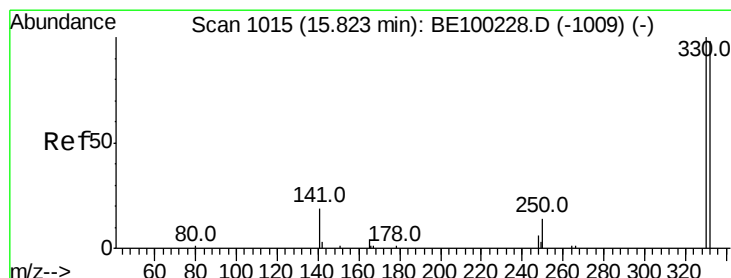
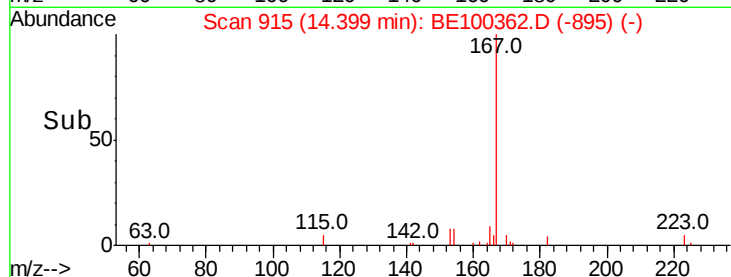
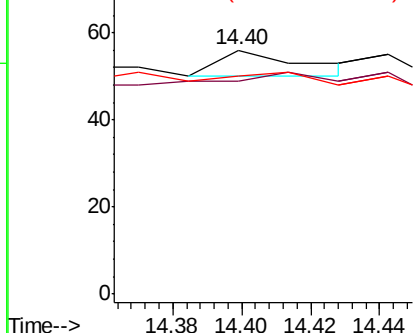
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.09 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 10
Ion Ratio Lower Upper
164 100
162 87.5 83.4 125.0
160 89.3 45.0 67.6#

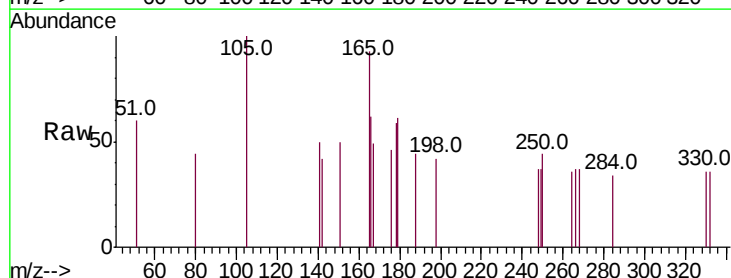


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

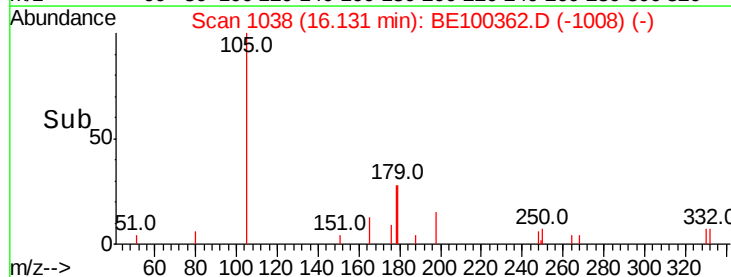
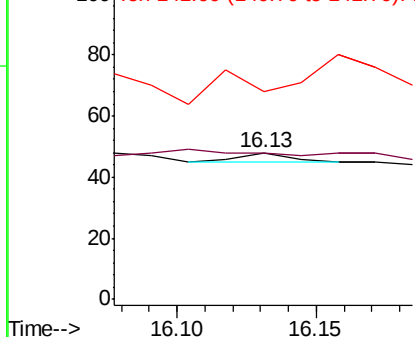


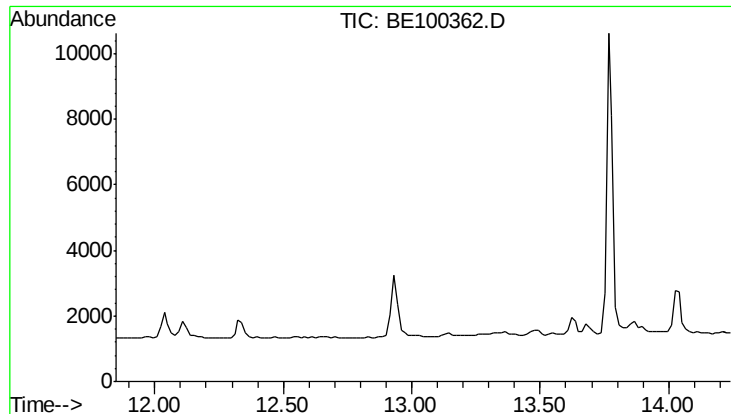
#14
2,4,6-Tribromophenol
Concen: 0.572 ng
RT: 16.13 min Scan# 1038
Delta R.T. 0.31 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Tgt Ion:330 Resp: 4
Ion Ratio Lower Upper
330 100
332 0.0 77.0 115.4#
141 0.0 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

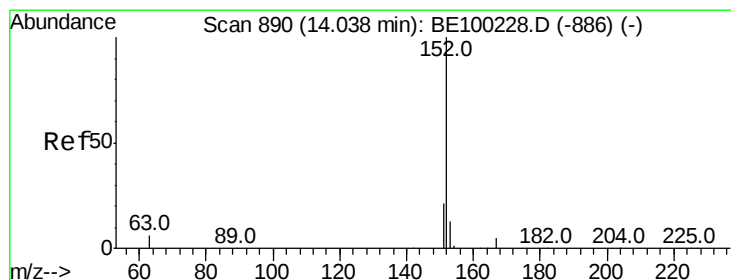
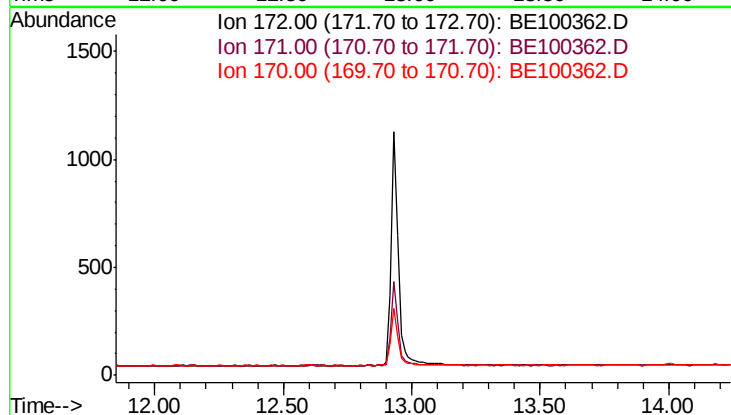




#15
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 12.94 min
 Lab File: BE100362.D
 Acq: 4 Jul 2019 12:14

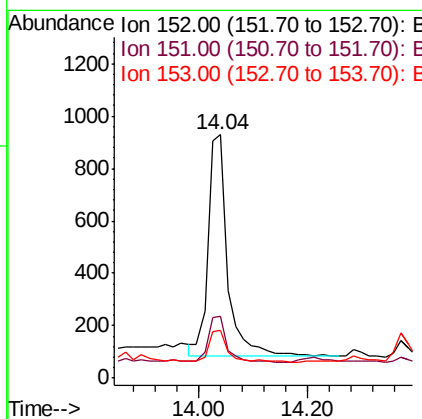
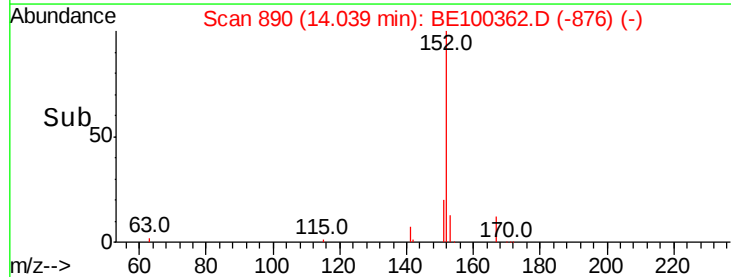
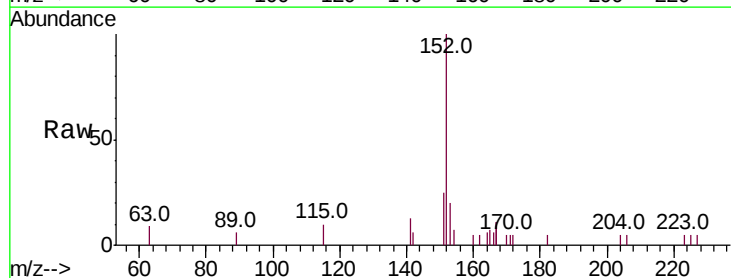
Instrument :
 BNA_E
 ClientSampleId :

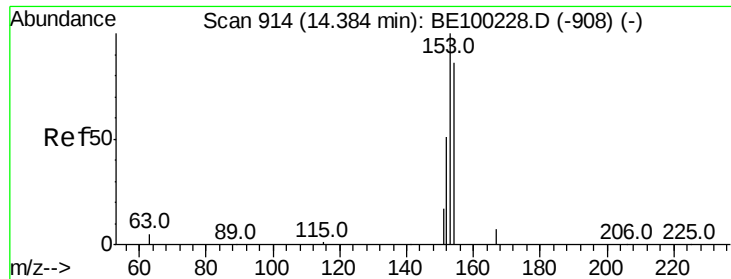
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 39.9
 170 27.7



#16
 Acenaphthylene
 Concen: 44.552 ng
 RT: 14.04 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BE100362.D
 Acq: 4 Jul 2019 12:14

Tgt Ion: 152 Resp: 2138
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.6 25.0
 153 13.9 10.5 15.7

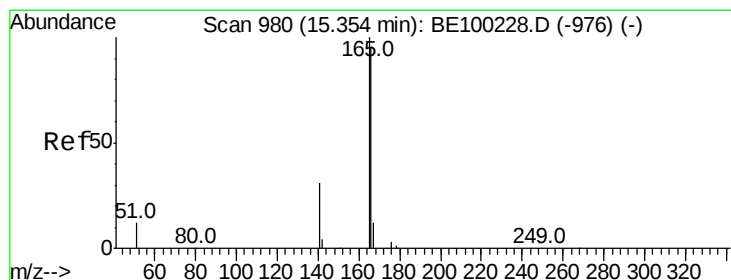
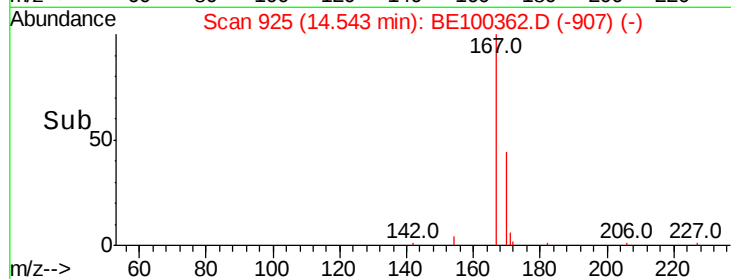
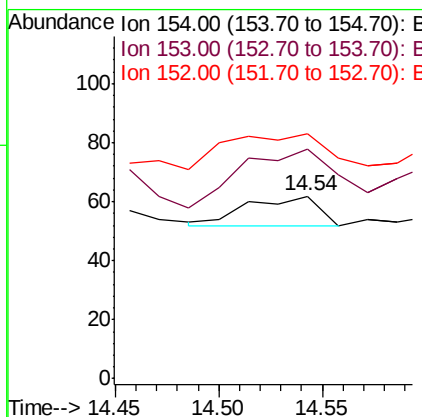
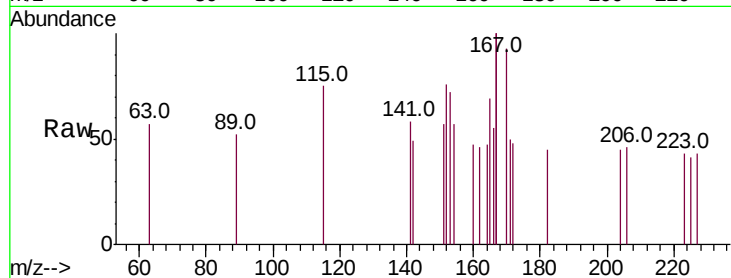




#17
Acenaphthene
Concen: 0.846 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.16 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

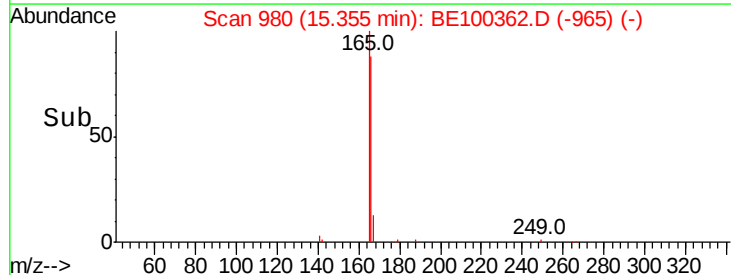
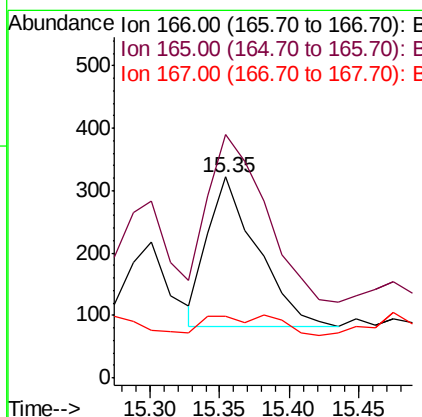
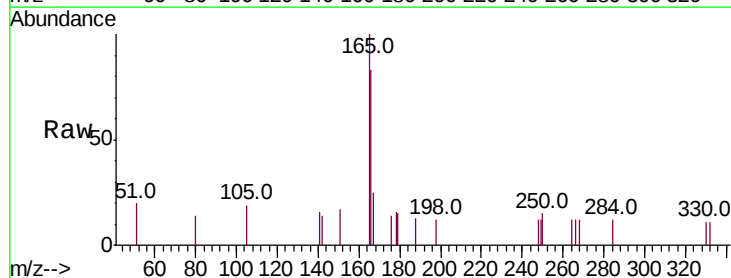
Instrument :
BNA_E
ClientSampled :

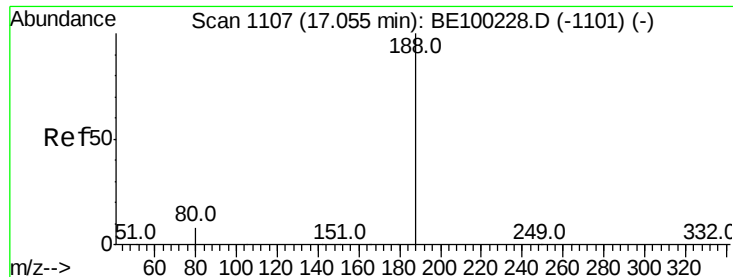
Tot Ion:154 Resp: 23
Ion Ratio Lower Upper
154 100
153 287.0 93.4 140.2#
152 178.3 49.4 74.2#



#18
Fluorene
Concen: 14.622 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Tgt Ion:166 Resp: 588
Ion Ratio Lower Upper
166 100
165 129.8 81.1 121.7#
167 0.0 10.7 16.1#

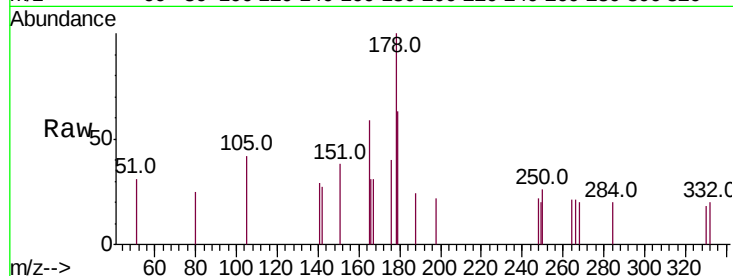




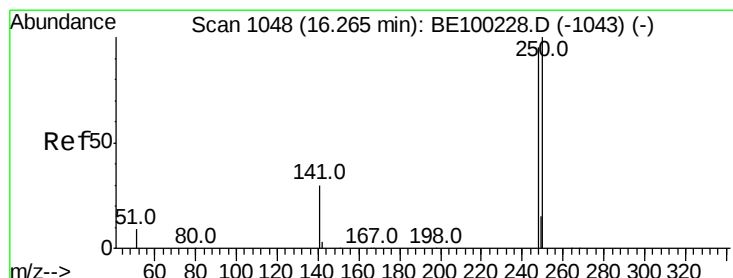
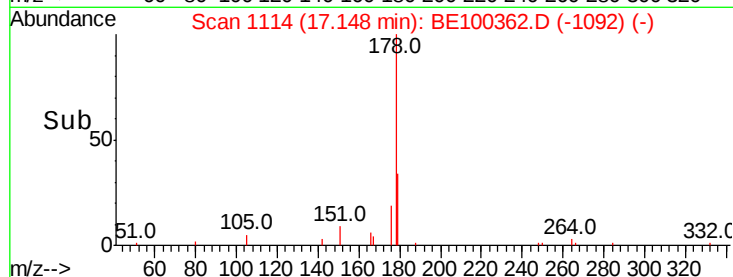
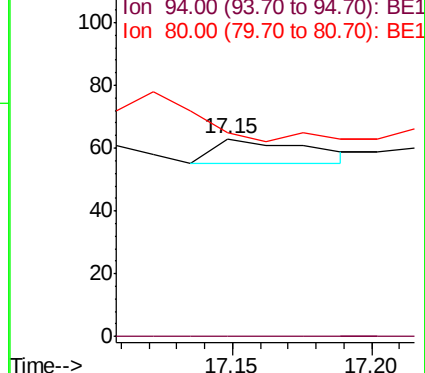
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.09 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 19
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 103.2 7.6 11.4#

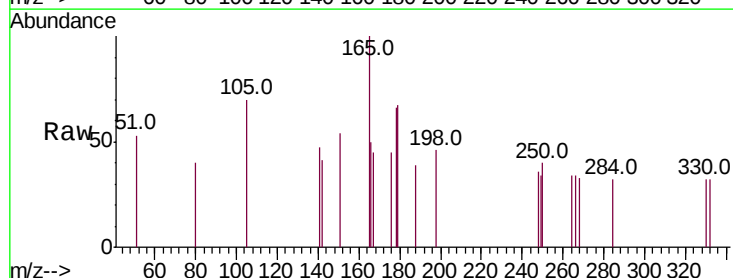


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

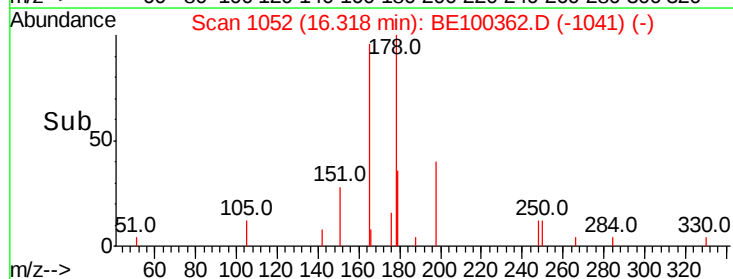
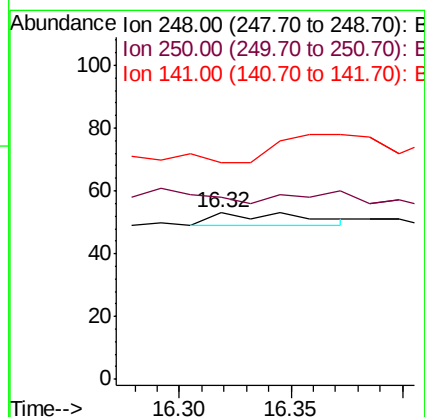


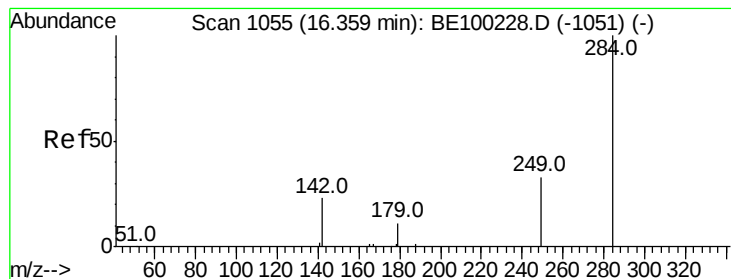
#20
4-Bromophenyl-phenylether
Concen: 0.907 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.05 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Tgt Ion:248 Resp: 11
Ion Ratio Lower Upper
248 100
250 109.4 84.2 126.4
141 130.2 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: 0.159 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.04 min

Lab File: BE100362.D

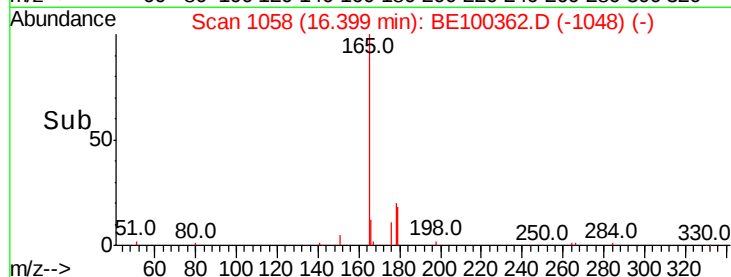
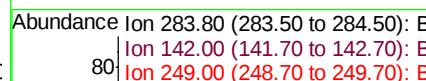
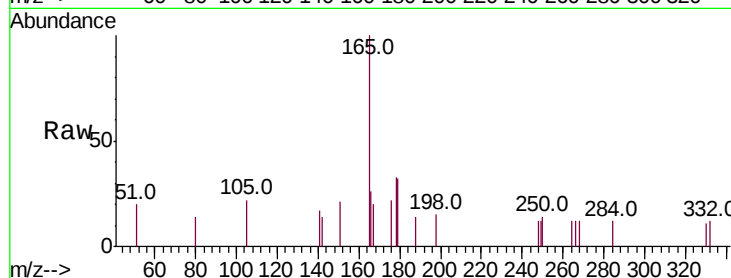
Acq: 4 Jul 2019 12:14

Instrument :

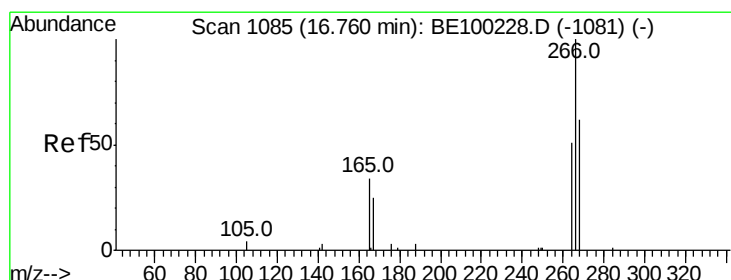
BNA_E

ClientSampleId :

Tot Ion:	284	Resp:	2
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#



Time-->



#22

Pentachlorophenol

Concen: 1.056 ng

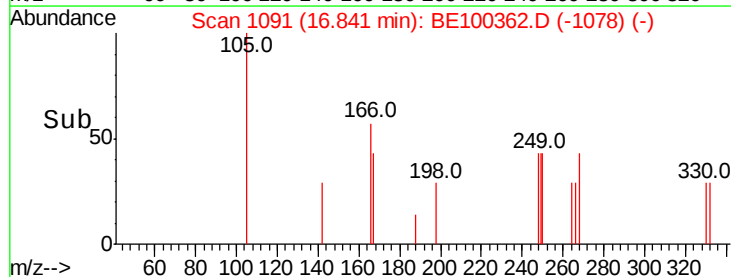
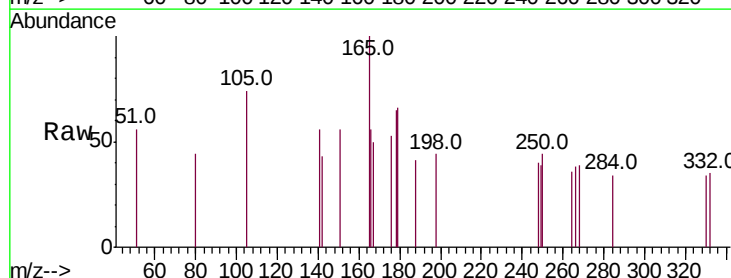
RT: 16.84 min Scan# 1091

Delta R.T. 0.08 min

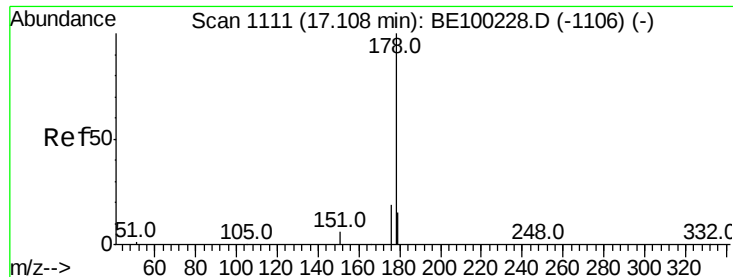
Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	96.2	56.2	84.2#
268	101.9	61.8	92.6#



Time-->



#23

Phenanthrene

Concen: 317.436 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

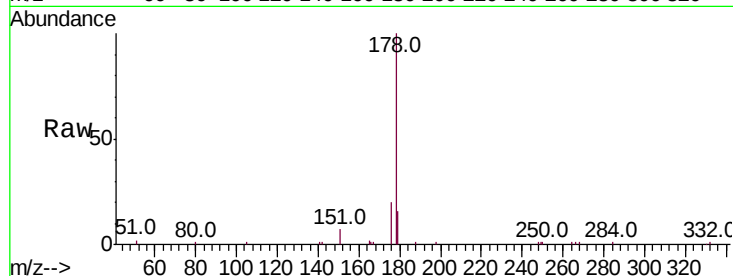
Tot Ion:178 Resp: 14618

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

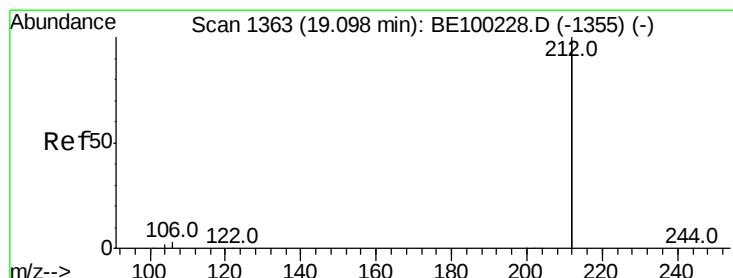
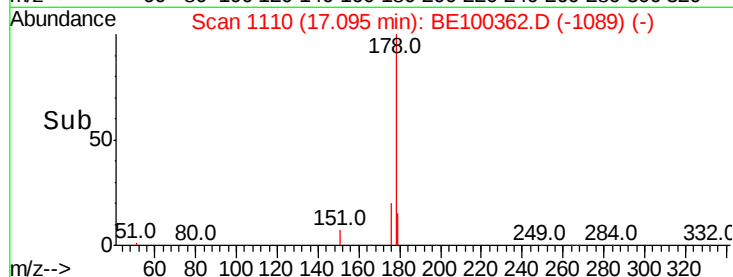
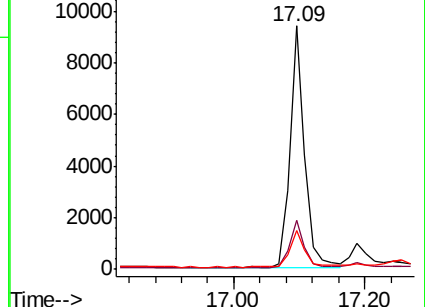
179 16.5 12.2 18.2



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: 1.799 ng

RT: 19.19 min Scan# 1379

Delta R.T. 0.09 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

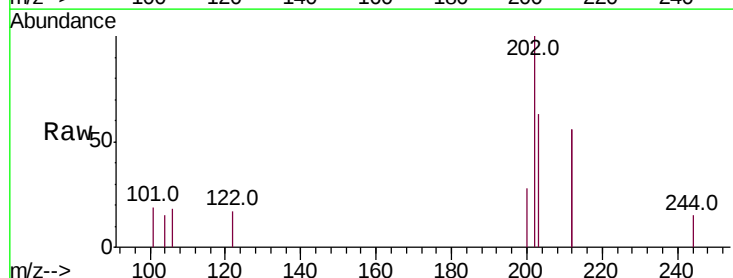
Tgt Ion:212 Resp: 496

Ion Ratio Lower Upper

212 100

106 2.0 1.3 1.9#

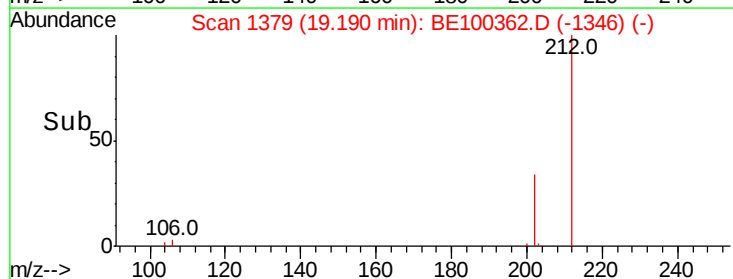
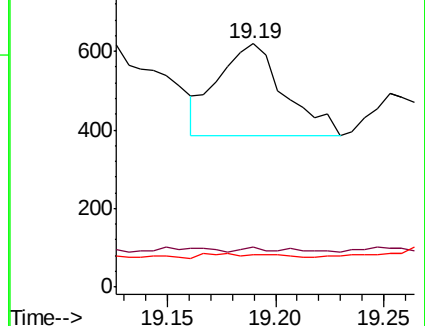
104 0.0 0.8 1.2#

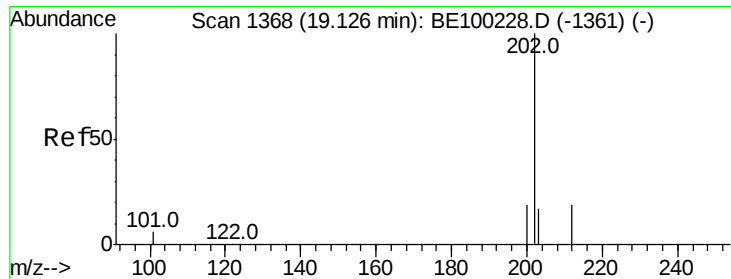


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

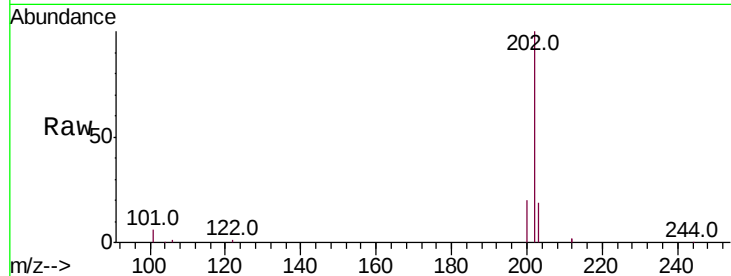




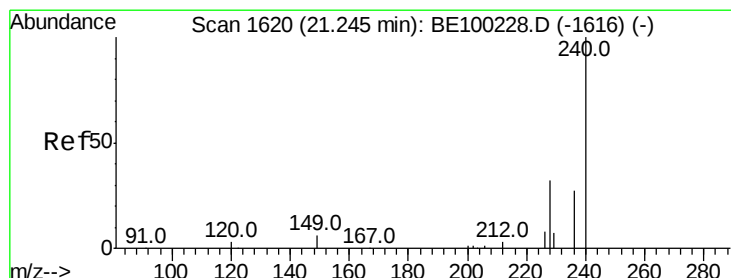
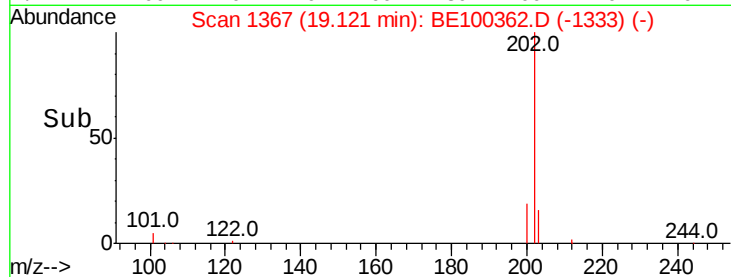
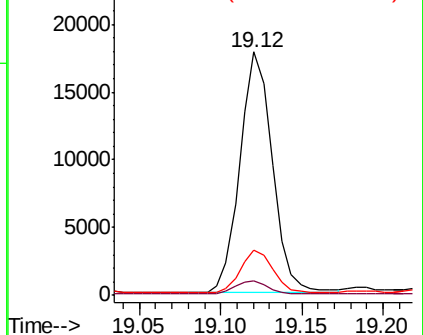
#26
 Fluoranthene
 Concen: 337.996 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE100362.D
 Acq: 4 Jul 2019 12:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 24792
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.6 7.0
 203 17.7 13.7 20.5

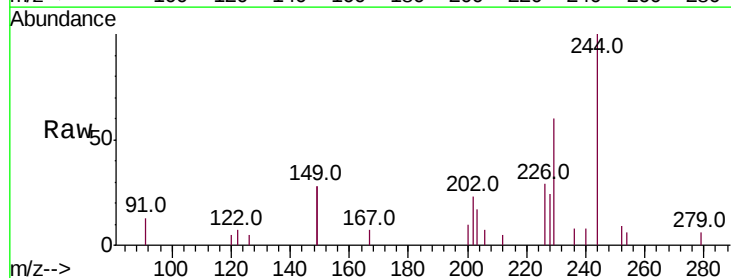


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

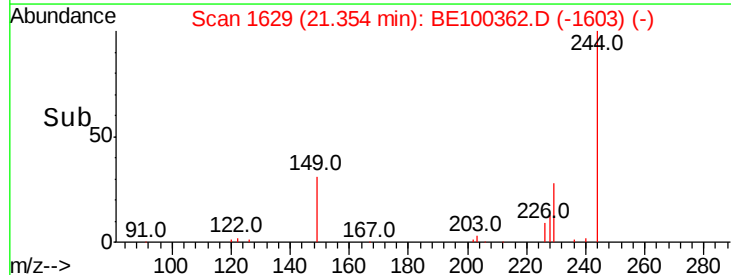
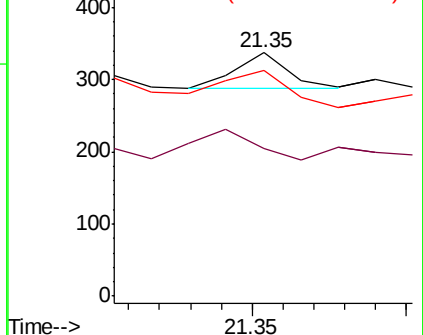


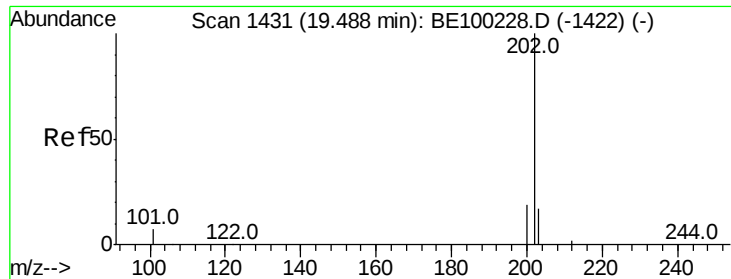
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.11 min
 Lab File: BE100362.D
 Acq: 4 Jul 2019 12:14

Tgt Ion:240 Resp: 60
 Ion Ratio Lower Upper
 240 100
 120 60.5 3.3 4.9#
 236 92.9 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

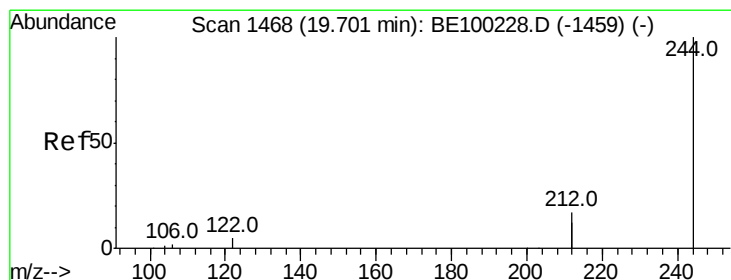
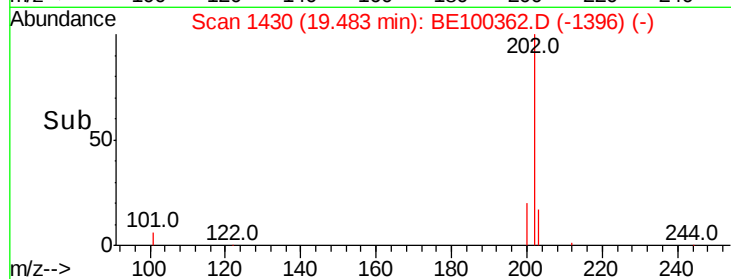
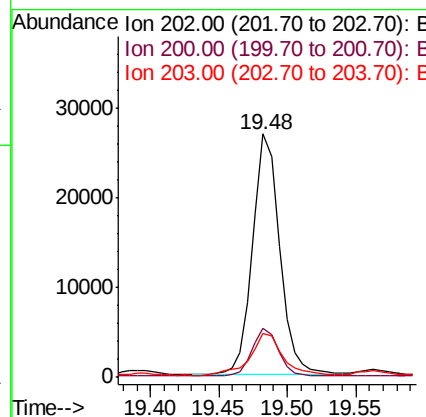
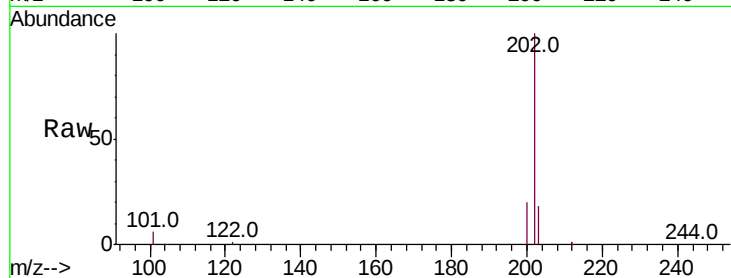




#28
Pvrene
Concen: 231.454 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

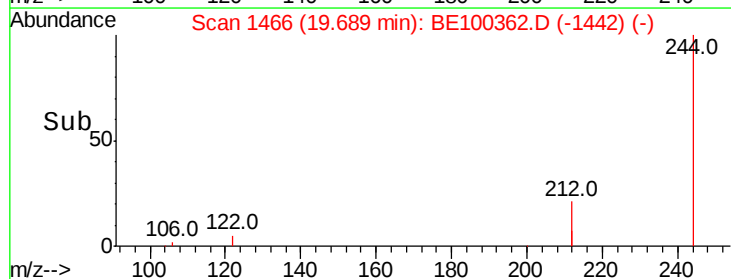
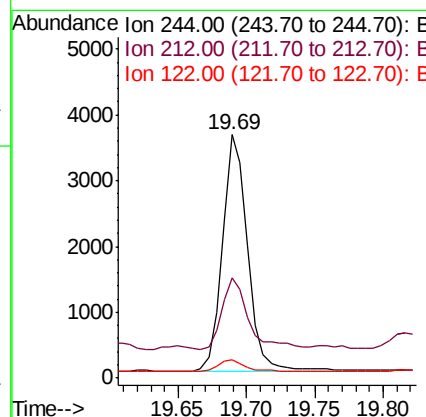
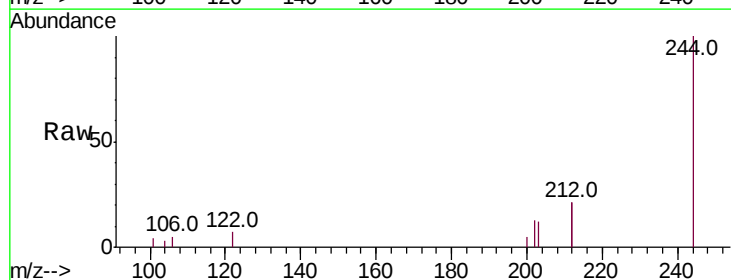
Instrument :
BNA_E
ClientSampleId :

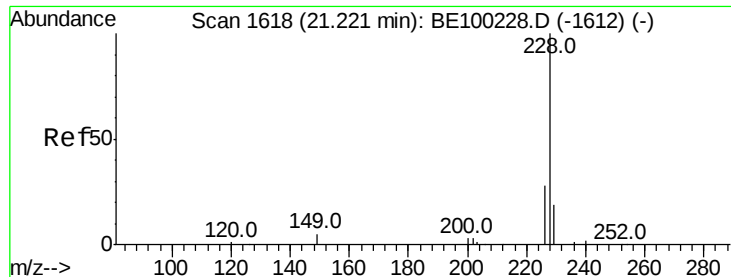
Tot Ion:202 Resp: 36767
Ion Ratio Lower Upper
202 100
200 19.6 15.6 23.4
203 20.4 14.0 21.0



#29
Terphenyl-d14
Concen: 37.609 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Tgt Ion:244 Resp: 4677
Ion Ratio Lower Upper
244 100
212 41.1 27.3 40.9#
122 7.5 4.7 7.1#

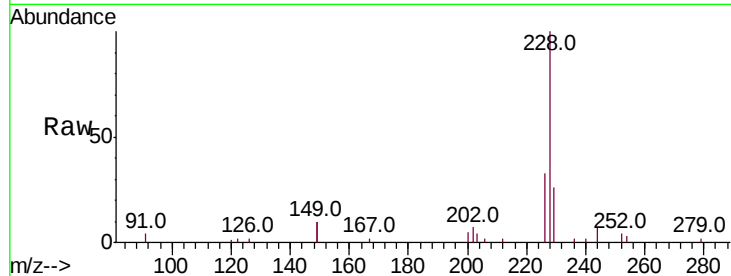




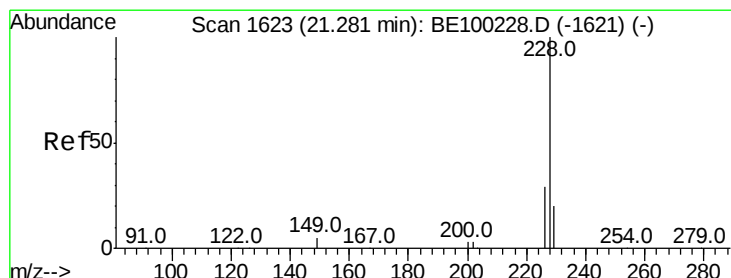
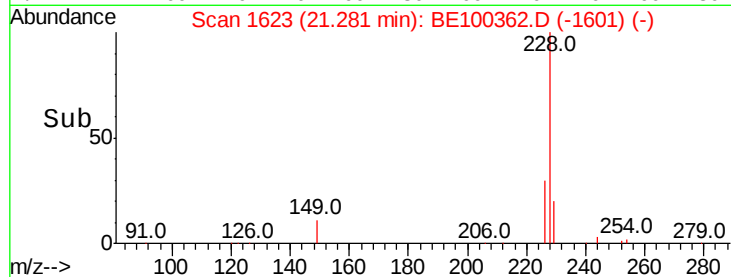
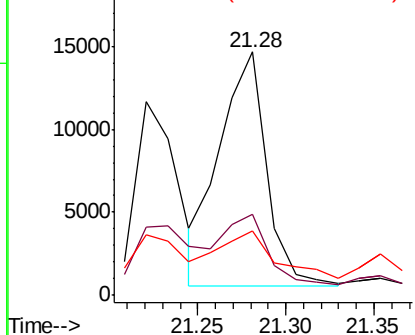
#30
Benzo(a)anthracene
Concen: 133.768 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.06 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 26390
Ion Ratio Lower Upper
228 100
226 33.3 23.2 34.8
229 26.4 15.7 23.5#

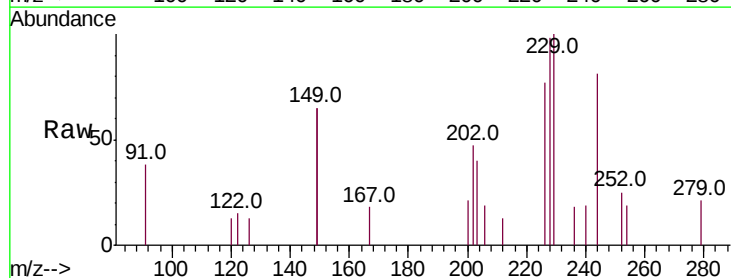


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

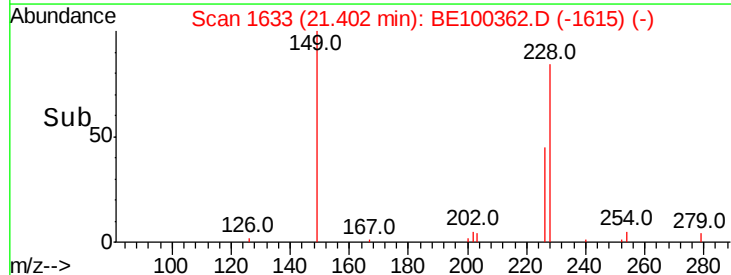
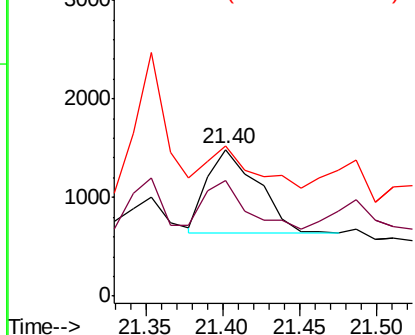


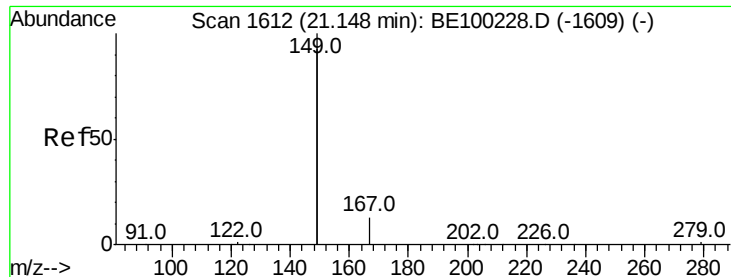
#31
Chrysene
Concen: 9.869 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.12 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Tgt Ion:228 Resp: 1955
Ion Ratio Lower Upper
228 100
226 78.8 23.9 35.9#
229 102.2 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: 18.631 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.12 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

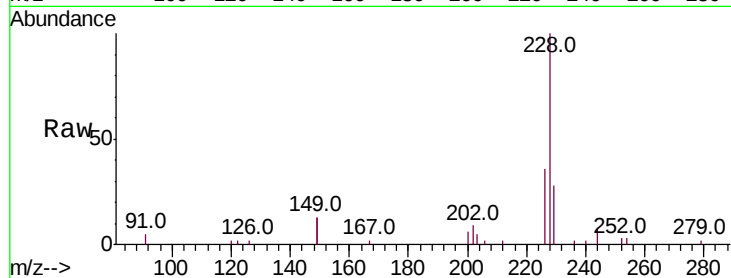
Tot Ion:149 Resp: 5211

Ion Ratio Lower Upper

149 100

167 0.0 5.8 8.8#

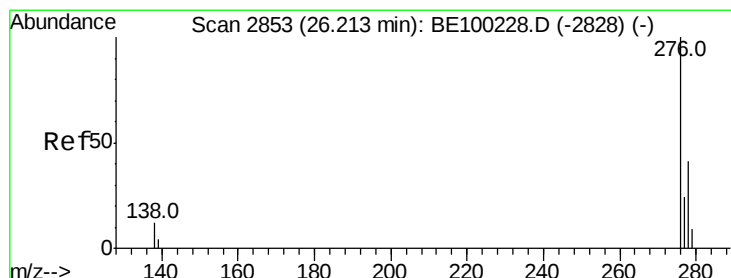
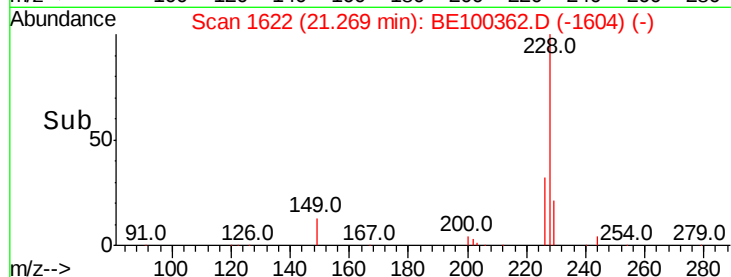
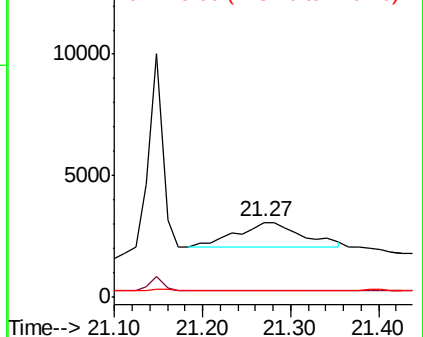
279 0.0 1.1 1.7#



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: 42.757 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

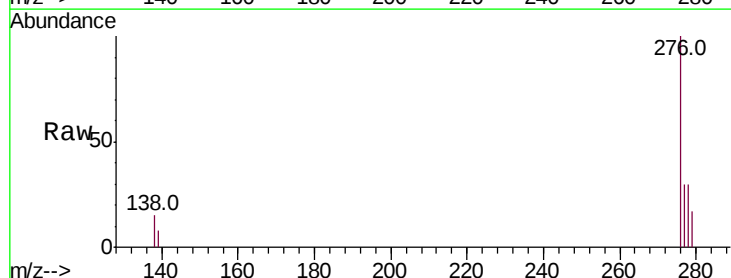
Tgt Ion:276 Resp: 11203

Ion Ratio Lower Upper

276 100

138 9.2 9.4 14.0#

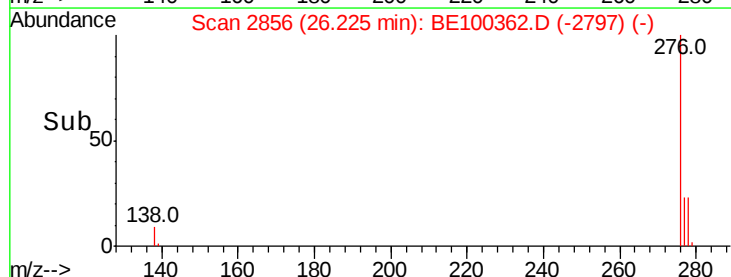
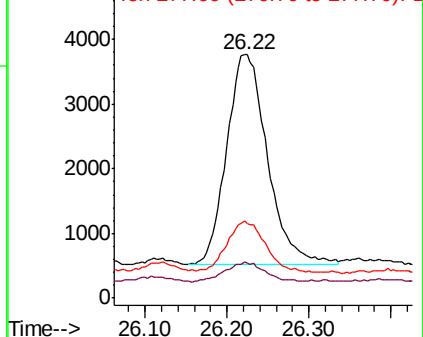
277 23.5 19.2 28.8

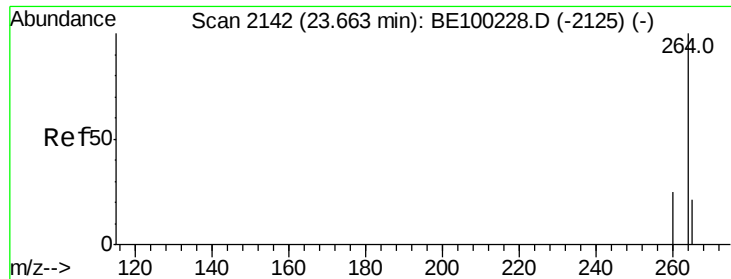


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

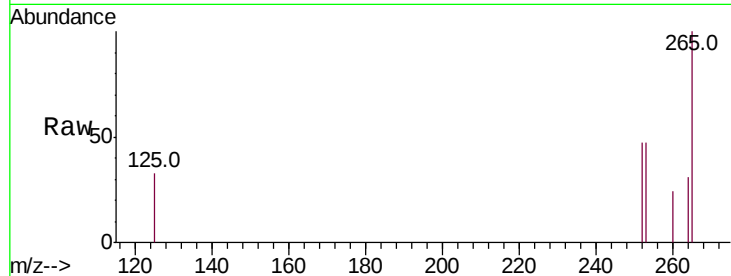




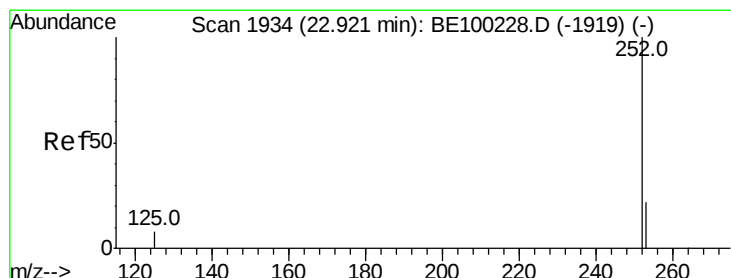
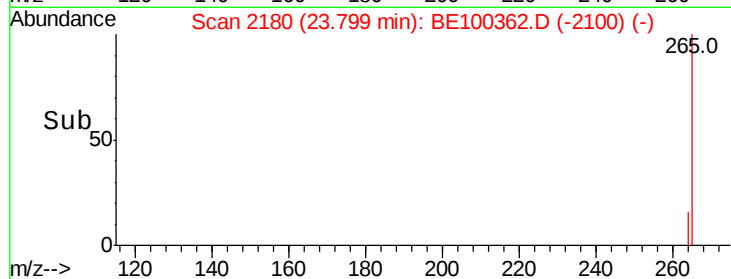
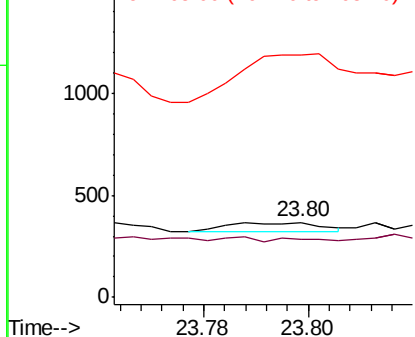
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.80 min Scan# 2180
Delta R.T. 0.14 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 52
Ion Ratio Lower Upper
264 100
260 76.4 20.8 31.2#
265 322.8 21.8 32.6#

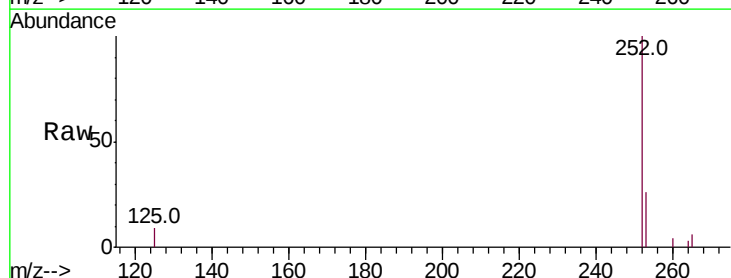


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

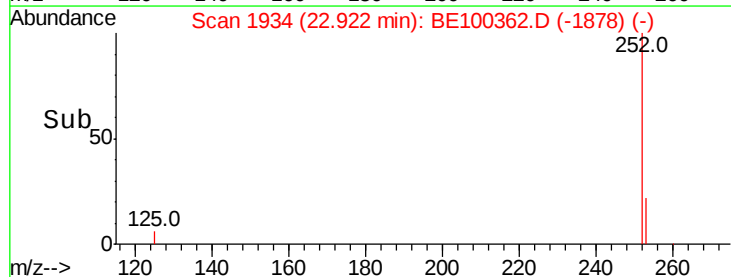
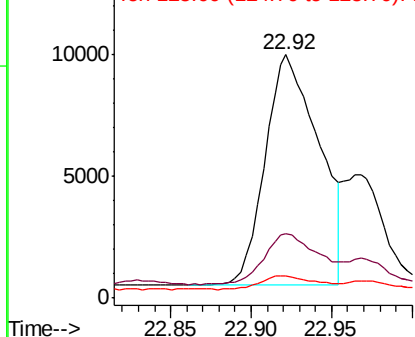


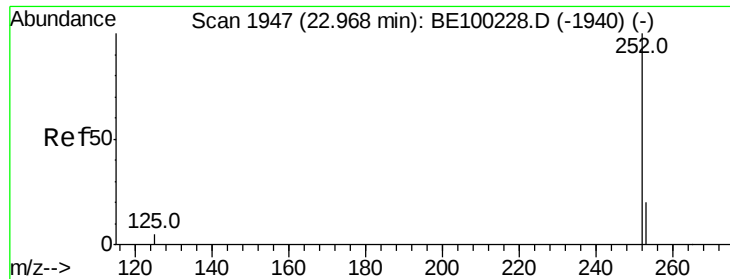
#35
Benzo(b)fluoranthene
Concen: 156.153 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100362.D
Acq: 4 Jul 2019 12:14

Tgt Ion:252 Resp: 22015
Ion Ratio Lower Upper
252 100
253 26.5 19.2 28.8
125 9.1 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: 22.730 ng

RT: 23.11 min Scan# 1988

Delta R.T. 0.15 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

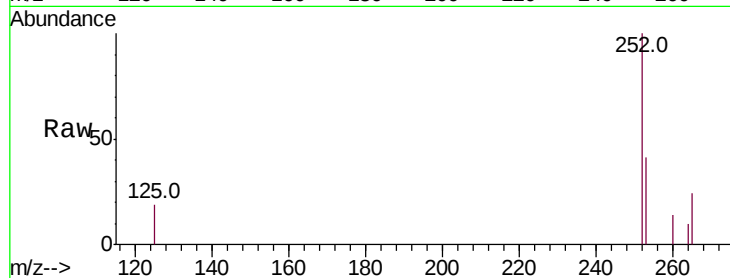
Tot Ion:252 Resp: 3577

Ion Ratio Lower Upper

252 100

253 41.0 17.9 26.9#

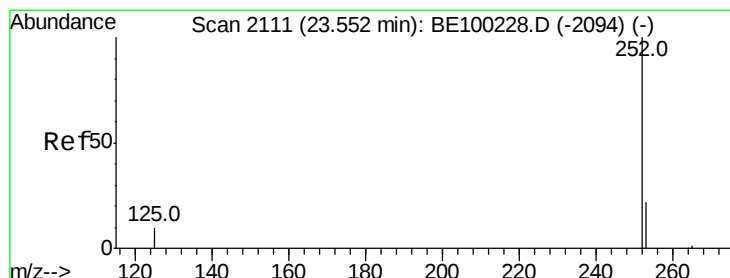
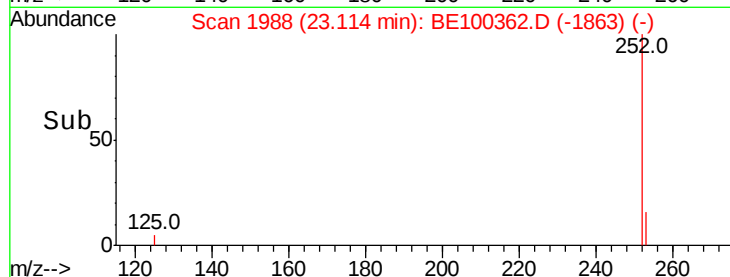
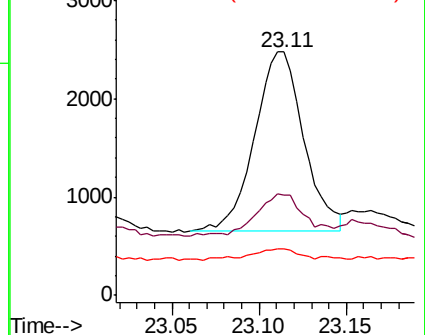
125 18.9 5.0 7.4#



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: 131.126 ng

RT: 23.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

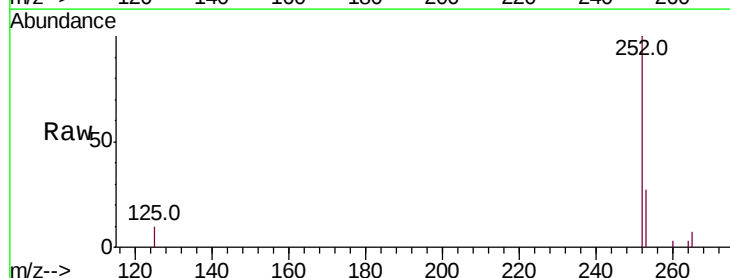
Tgt Ion:252 Resp: 18528

Ion Ratio Lower Upper

252 100

253 27.0 19.6 29.4

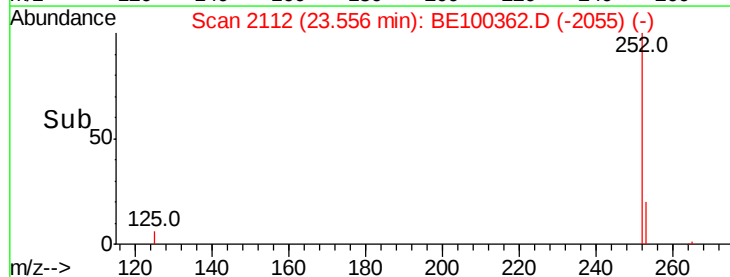
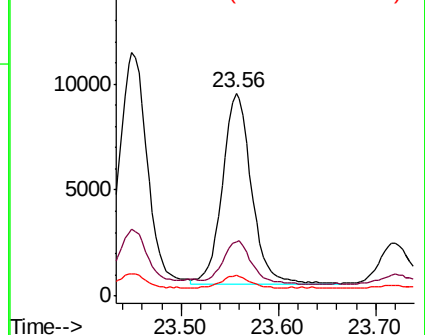
125 10.1 9.0 13.6

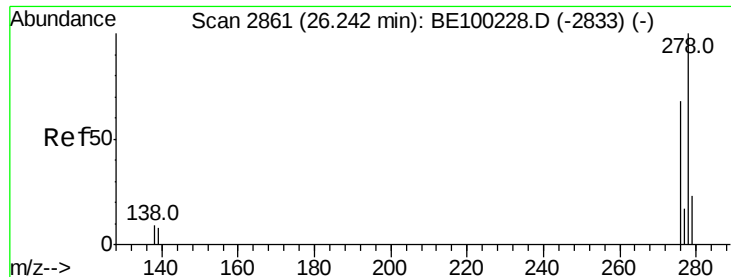


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 7.176 ng

RT: 26.37 min Scan# 2896

Delta R.T. 0.13 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

Instrument :

BNA_E

ClientSampleId :

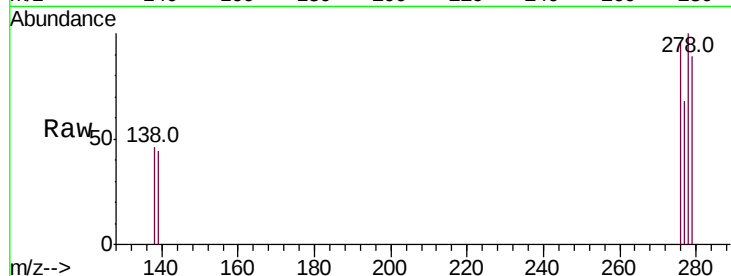
Tot Ion:278 Resp: 1059

Ion Ratio Lower Upper

278 100

139 43.7 8.2 12.2#

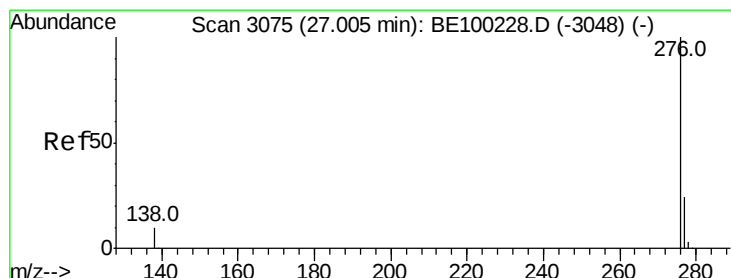
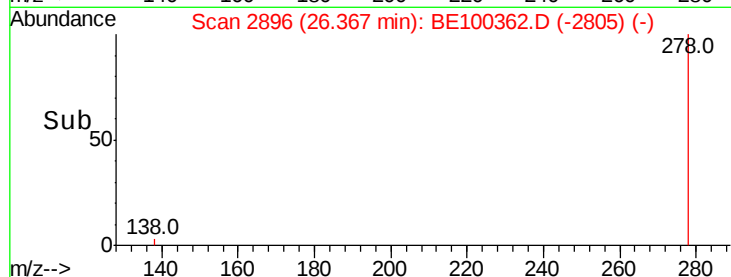
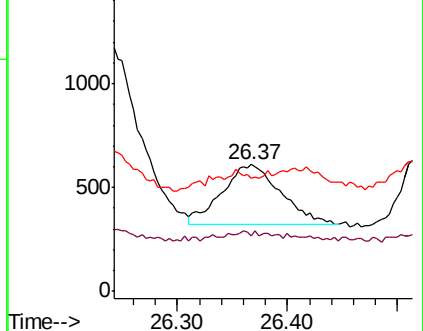
279 89.0 20.3 30.5#



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: 98.298 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100362.D

Acq: 4 Jul 2019 12:14

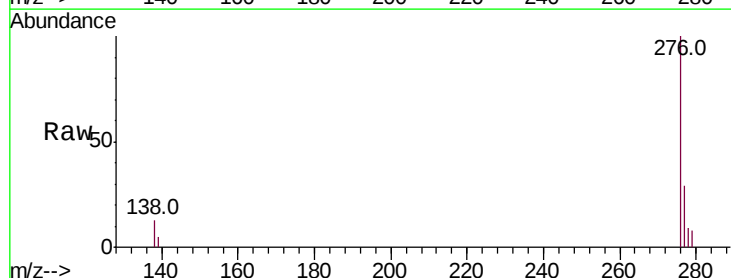
Tgt Ion:276 Resp: 14902

Ion Ratio Lower Upper

276 100

277 29.2 20.2 30.2

138 13.5 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

