

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
 Data File : BE100563.D
 Acq On : 25 Sep 2019 19:04
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 00:42:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	5234	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	26547	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	15163	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	29561	0.40	ng	0.00
27) Chrysene-d12	21.36	240	30187	0.40	ng	0.00
34) Perylene-d12	23.84	264	36322	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	6369	0.52	ng	0.01
5) Phenol-d6	7.02	99	9177	0.55	ng	0.00
8) Nitrobenzene-d5	9.00	82	7842	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16103	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2025	0.83	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	20845	0.39	ng	0.00
25) Fluoranthene-d10	19.23	212	134182	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	31537	0.44	ng	0.00

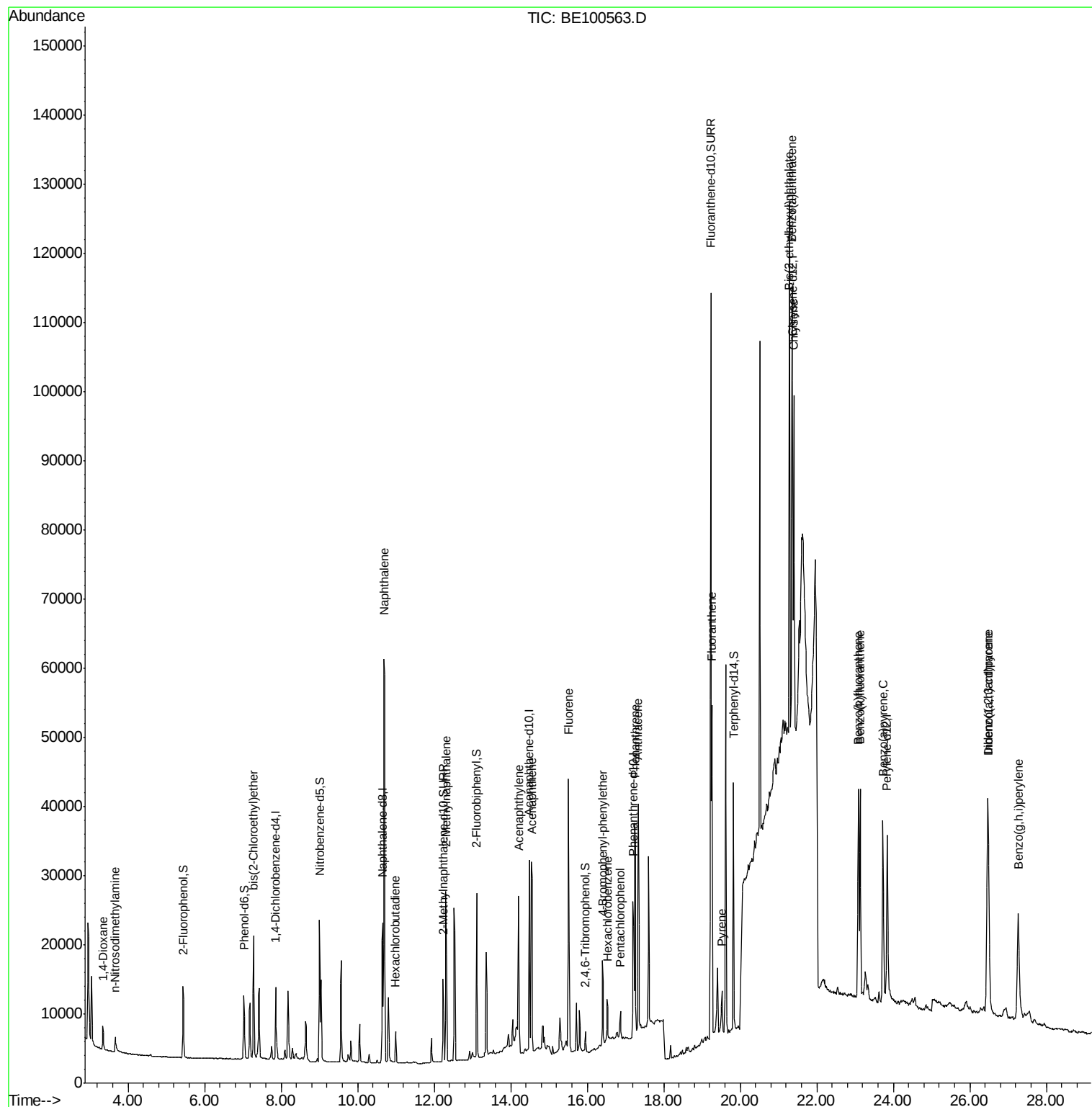
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2726	0.361	ng	96
3) n-Nitrosodimethylamine	3.66	42	1933	0.436	ng	# 98
6) bis(2-Chloroethyl)ether	7.28	93	6891	0.406	ng	86
9) Naphthalene	10.69	128	107443	0.390	ng	100
10) Hexachlorobutadiene	10.99	225	3235	0.368	ng	98
12) 2-Methylnaphthalene	12.31	142	17902	0.409	ng	98
16) Acenaphthylene	14.21	152	48146	0.771	ng	98
17) Acenaphthene	14.56	154	18383	0.436	ng	96
18) Fluorene	15.51	166	22904	0.434	ng	95
20) 4-Bromophenyl-phenylether	16.40	248	5901	0.425	ng	89
21) Hexachlorobenzene	16.53	284	4654	0.385	ng	100
22) Pentachlorophenol	16.87	266	2157	0.881	ng	97
23) Phenanthrene	17.24	178	38188	0.464	ng	98
24) Anthracene	17.34	178	33898	0.489	ng	99
26) Fluoranthene	19.26	202	43824	0.441	ng	98
28) Pyrene	19.52	202	8767	0.101	ng	99
30) Benzo(a)anthracene	21.35	228	42788	0.531	ng	# 66
31) Chrysene	21.40	228	39225	0.427	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.28	149	101686	1.170	ng	98
33) Indeno(1,2,3-cd)pyrene	26.46	276	47266	0.463	ng	97
35) Benzo(b)fluoranthene	23.09	252	42394	0.431	ng	# 82
36) Benzo(k)fluoranthene	23.13	252	41161	0.362	ng	# 80
37) Benzo(a)pyrene	23.73	252	41539	0.453	ng	# 80
38) Dibenzo(a,h)anthracene	26.48	278	38975	0.408	ng	# 81
39) Benzo(g,h,i)perylene	27.27	276	40581	0.407	ng	# 78

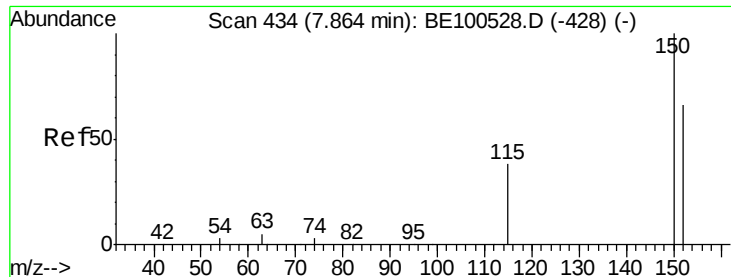
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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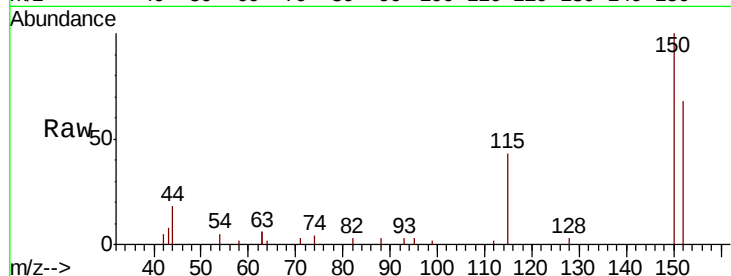


#1

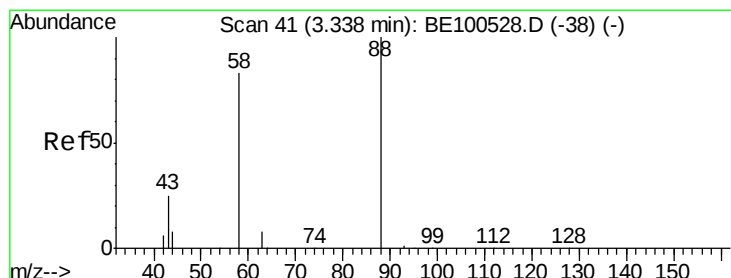
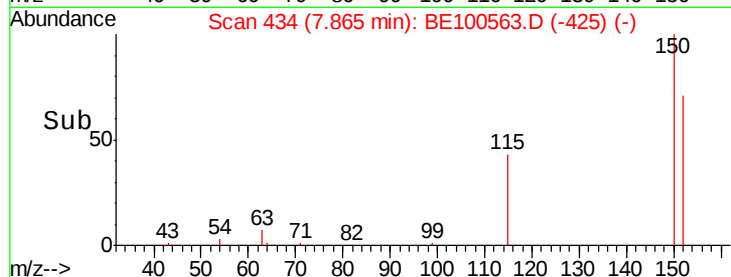
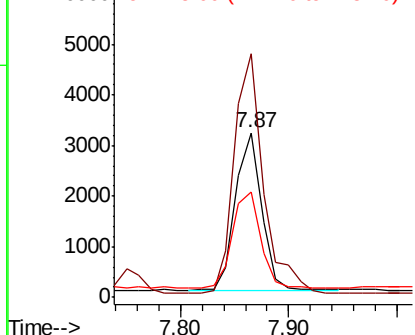
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5234
Ion Ratio Lower Upper
152 100
150 148.1 121.6 182.4
115 63.9 48.2 72.4



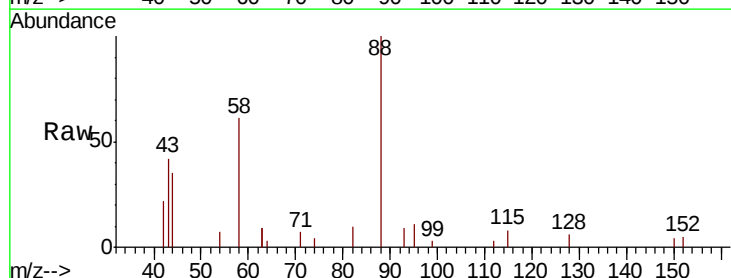
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



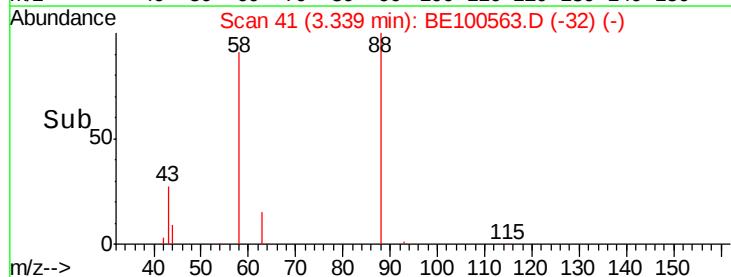
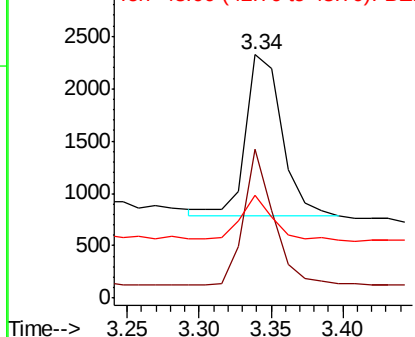
#2

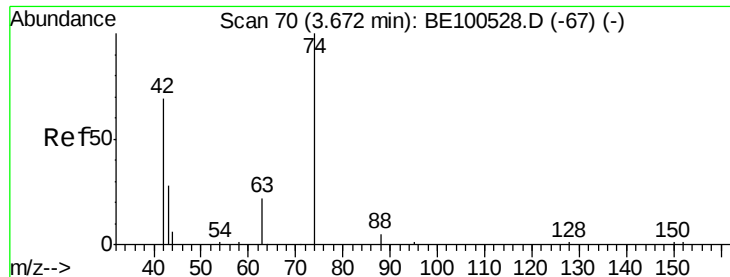
1,4-Dioxane
Concen: 0.361 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion: 88 Resp: 2726
Ion Ratio Lower Upper
88 100
58 68.8 53.3 79.9
43 24.7 16.9 25.3



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: 0.436 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

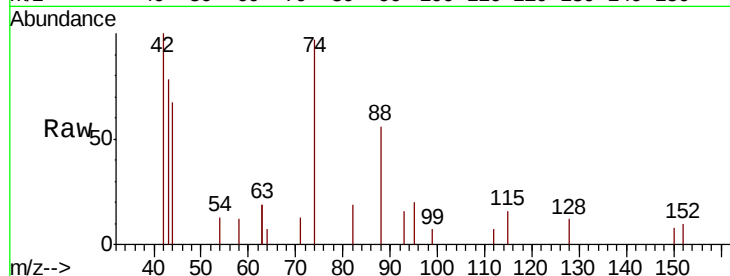
Tot Ion: 42 Resp: 1933

Ion Ratio Lower Upper

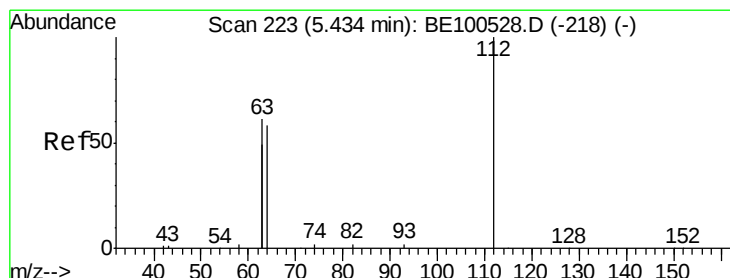
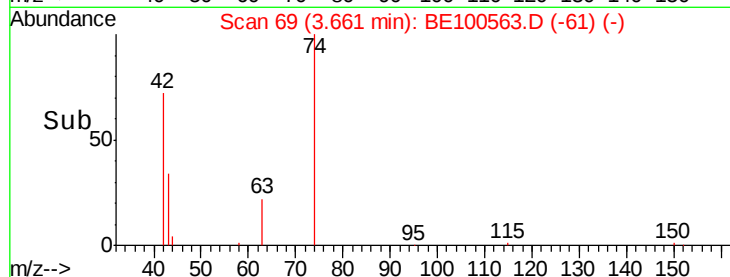
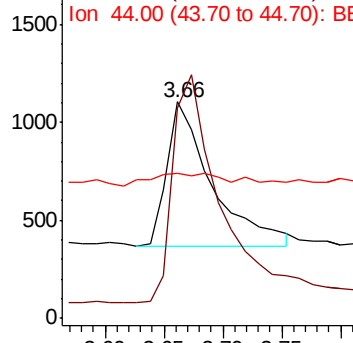
42 100

74 169.0 133.8 200.6

44 17.1 6.4 9.6#



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: 0.520 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.01 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

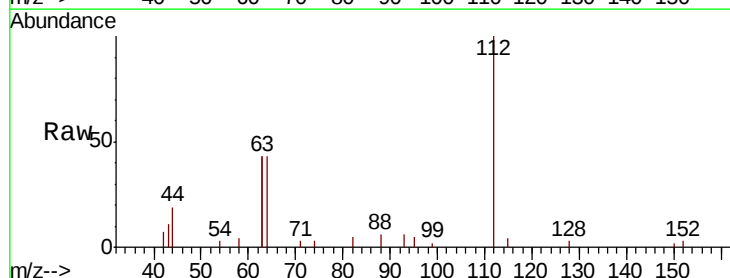
Tgt Ion: 112 Resp: 6369

Ion Ratio Lower Upper

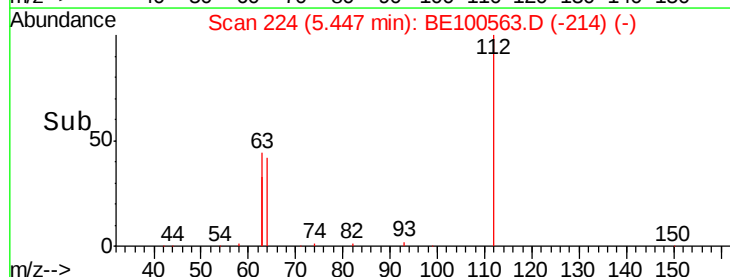
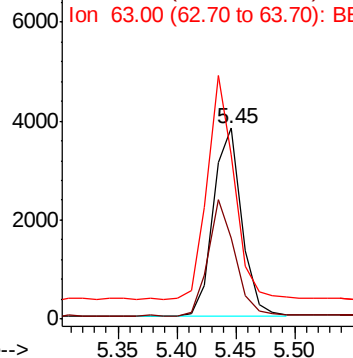
112 100

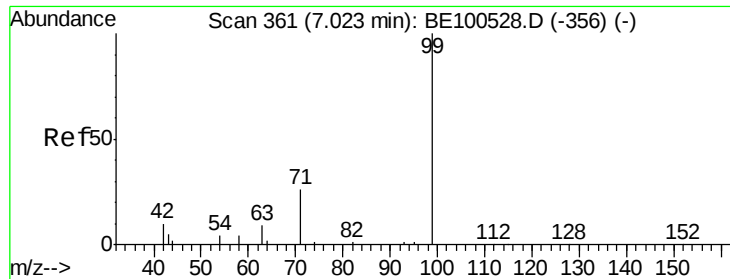
64 58.1 44.1 66.1

63 113.8 86.5 129.7



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: 0.547 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

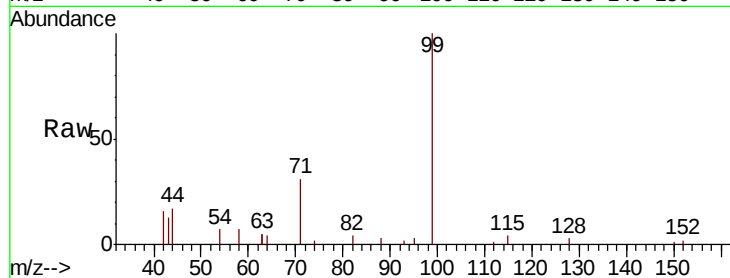
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 9177

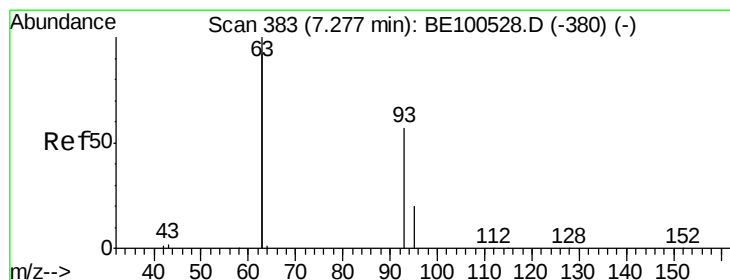
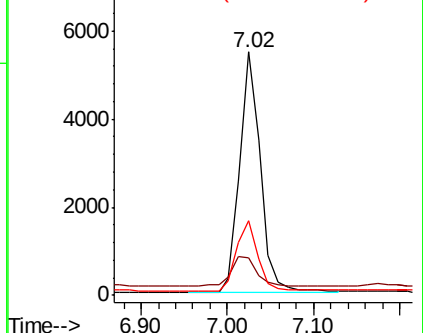
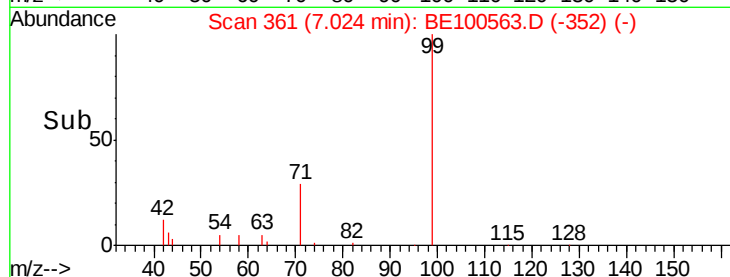
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.6
71	30.3	23.4	35.0



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: 0.406 ng

RT: 7.28 min Scan# 383

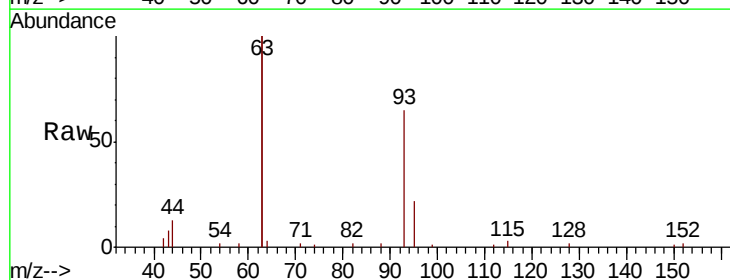
Delta R.T. 0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Tgt Ion: 93 Resp: 6891

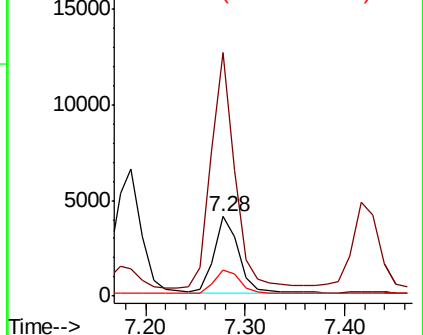
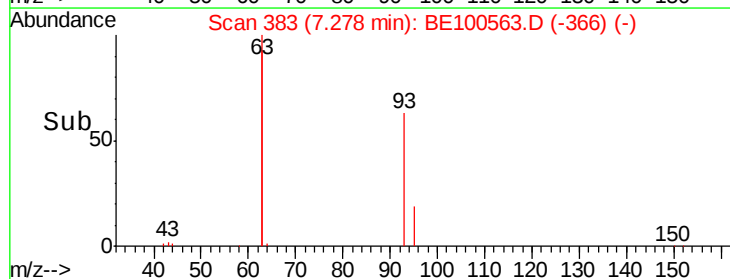
Ion	Ratio	Lower	Upper
93	100		
63	293.3	213.4	320.0
95	32.2	23.7	35.5

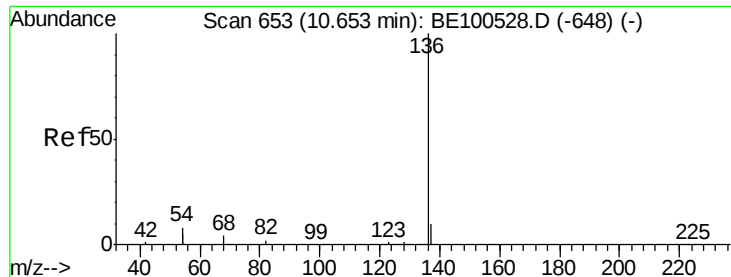


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 26547

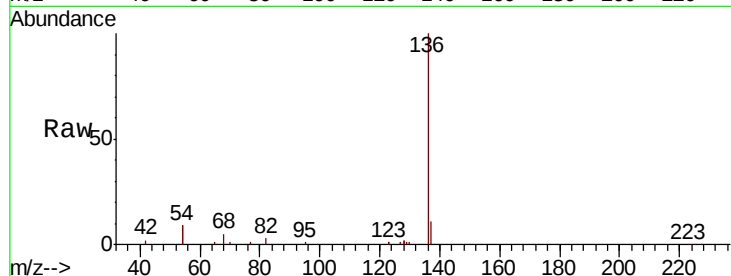
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 19.0 12.4 18.6

68 4.7 3.3 4.9

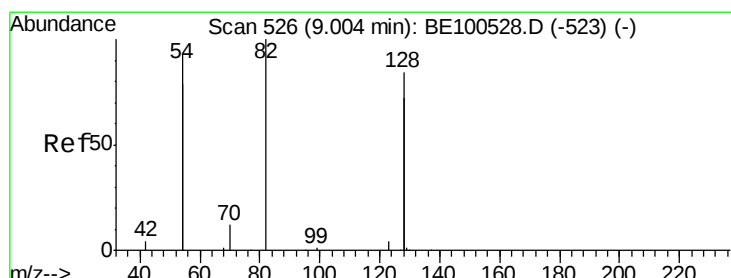
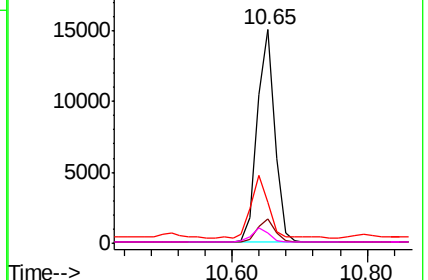
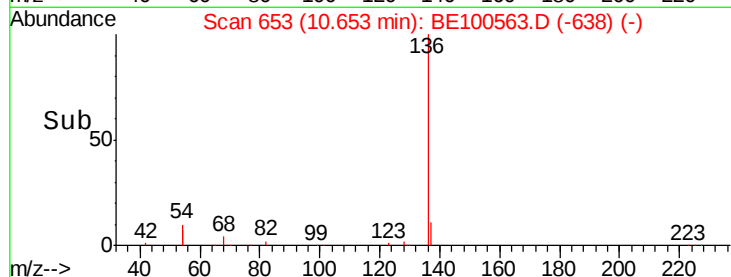


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.512 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

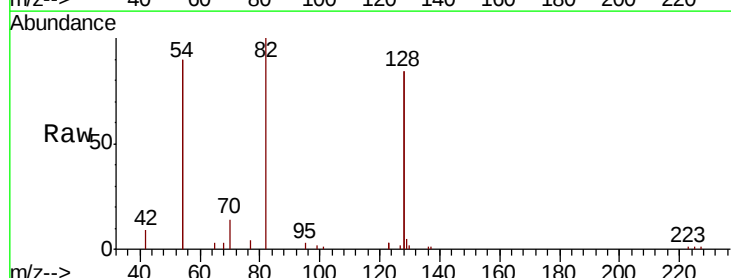
Tgt Ion: 82 Resp: 7842

Ion Ratio Lower Upper

82 100

128 167.7 129.4 194.2

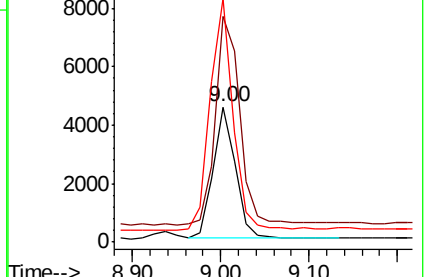
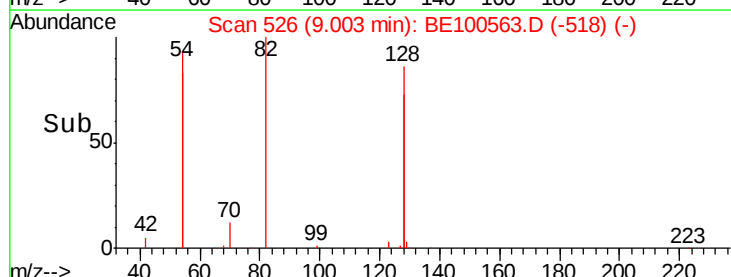
54 180.5 143.3 214.9

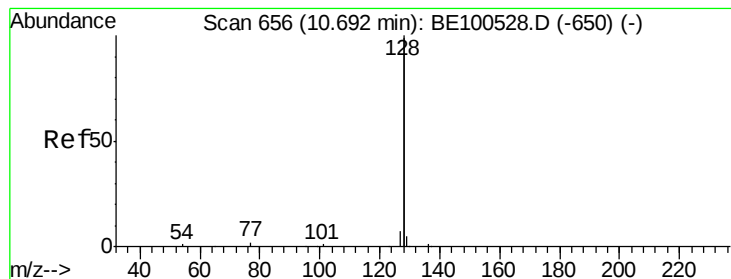


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.390 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

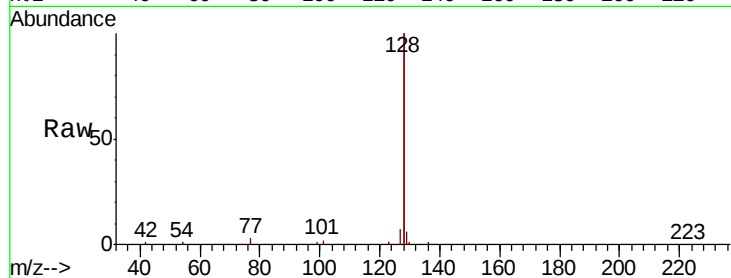
Tot Ion:128 Resp: 107443

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

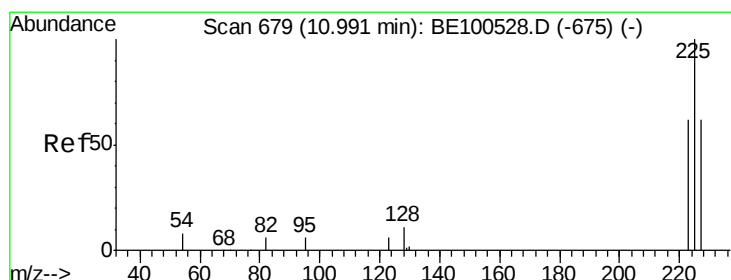
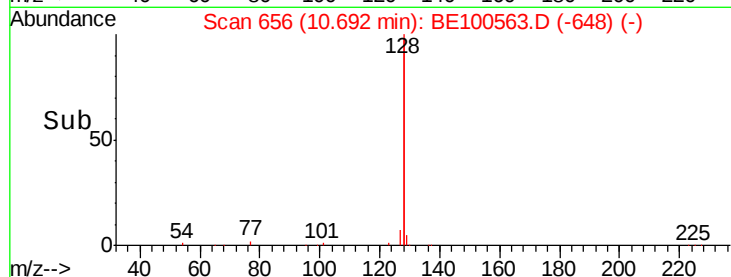
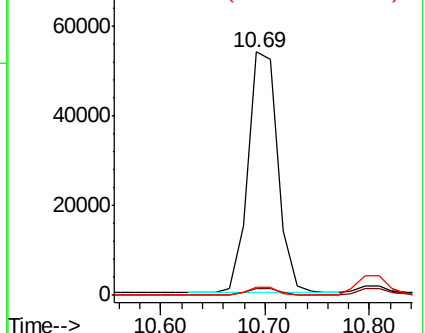
127 3.5 2.7 4.1



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: 0.368 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

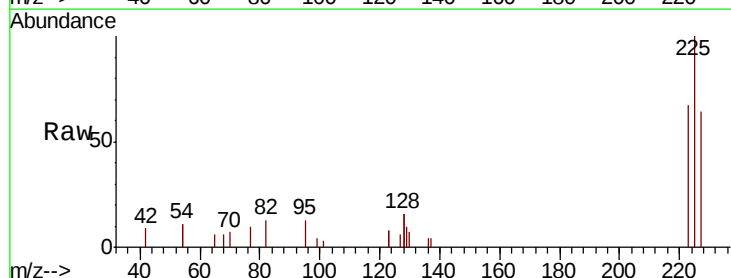
Tgt Ion:225 Resp: 3235

Ion Ratio Lower Upper

225 100

223 64.2 49.7 74.5

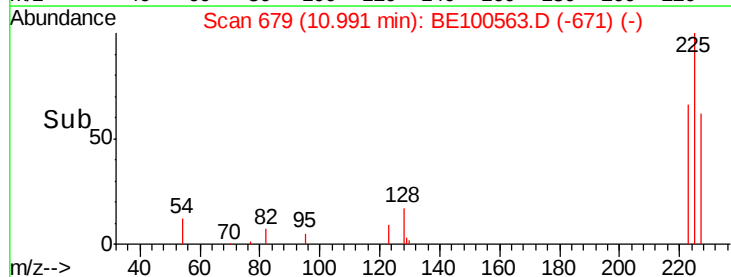
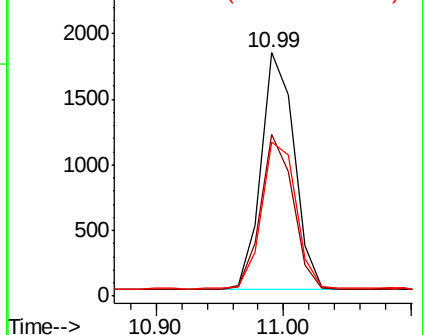
227 65.1 51.4 77.2

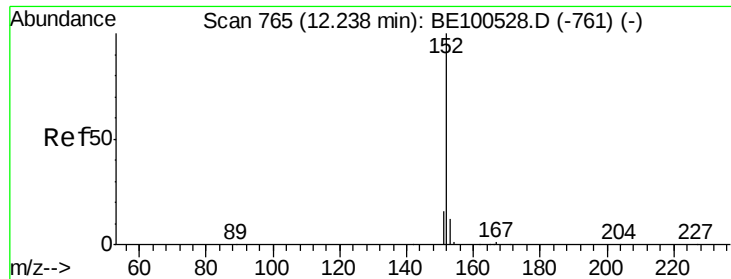


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

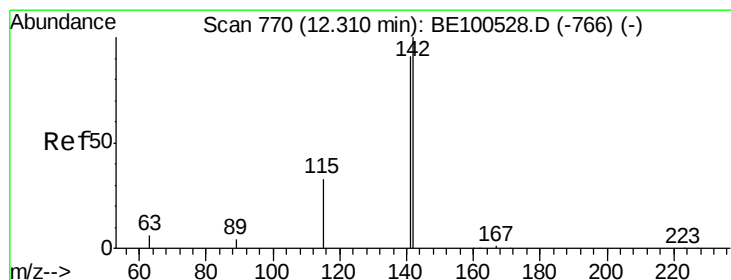
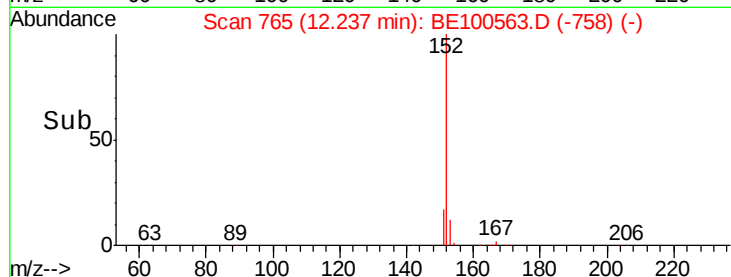
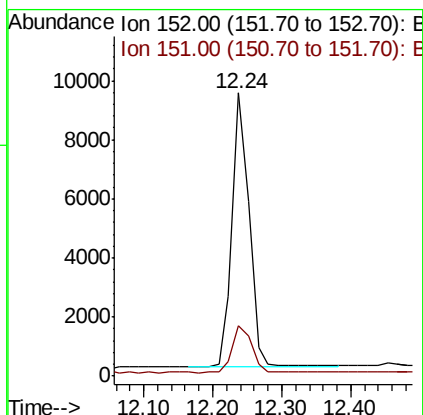
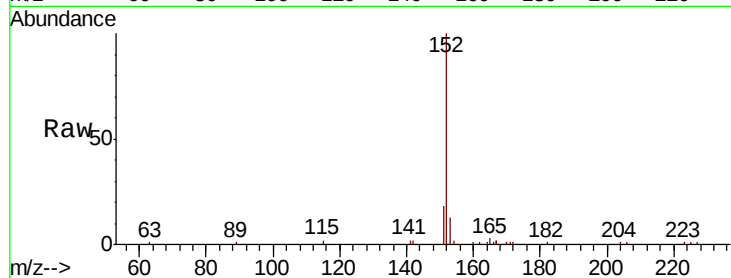




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100563.D
 Acq: 25 Sep 2019 19:04

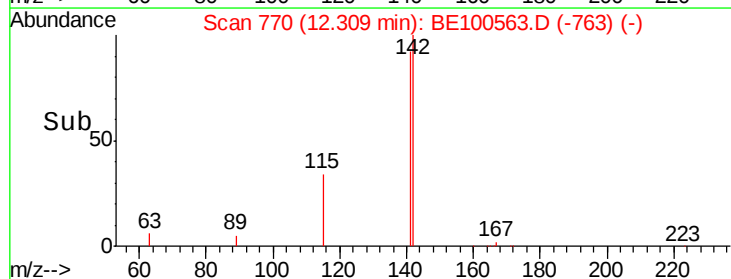
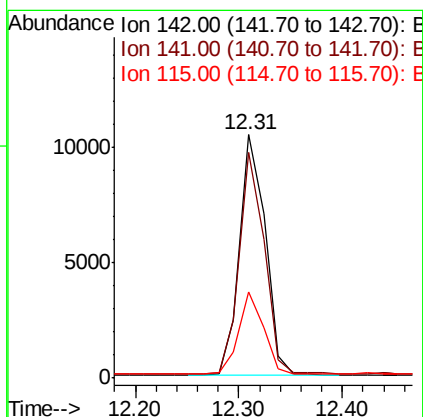
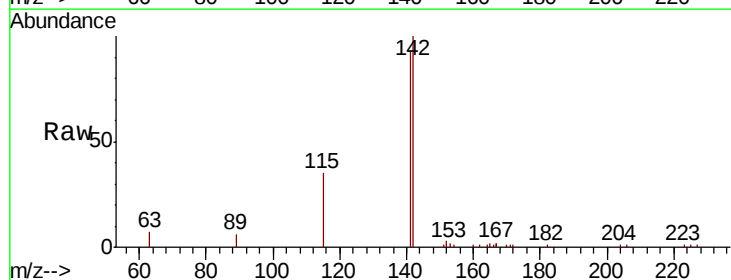
Instrument :
 BNA_E
 ClientSampleId :

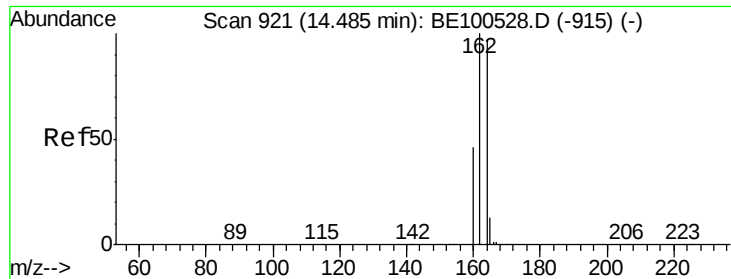
Tot Ion:152 Resp: 16103
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.409 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100563.D
 Acq: 25 Sep 2019 19:04

Tgt Ion:142 Resp: 17902
 Ion Ratio Lower Upper
 142 100
 141 92.6 72.5 108.7
 115 35.3 27.2 40.8

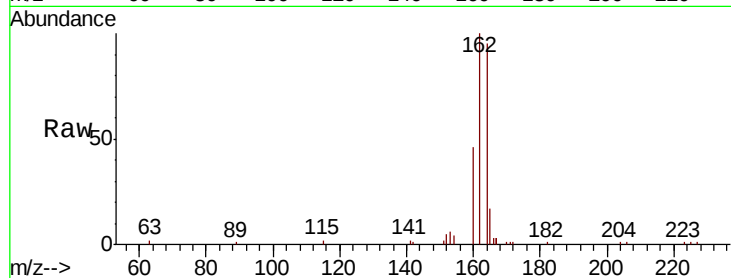




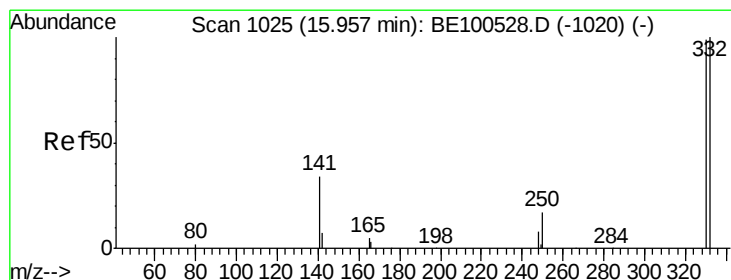
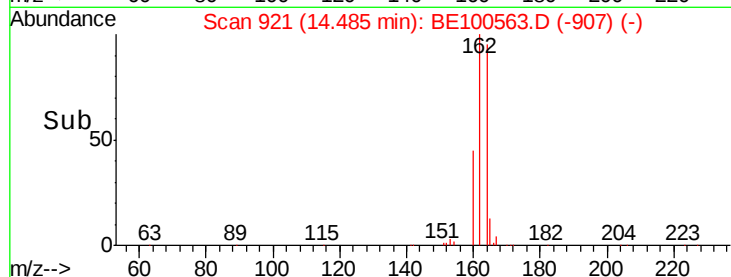
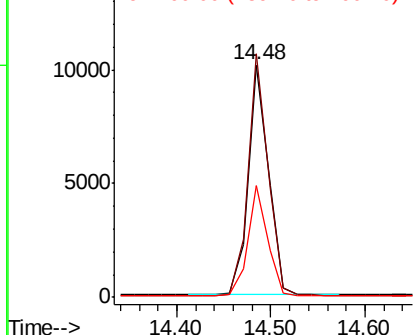
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 15163
Ion Ratio Lower Upper
164 100
162 104.8 82.1 123.1
160 47.9 37.6 56.4

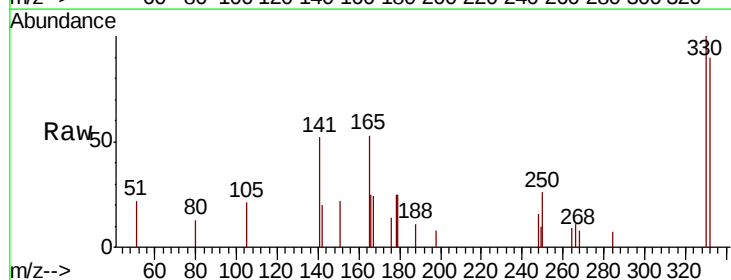


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

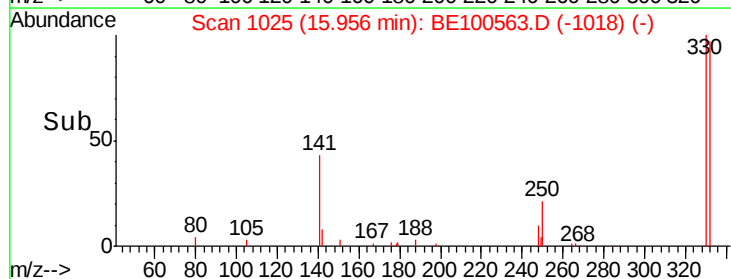
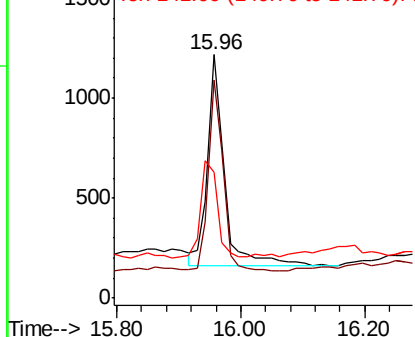


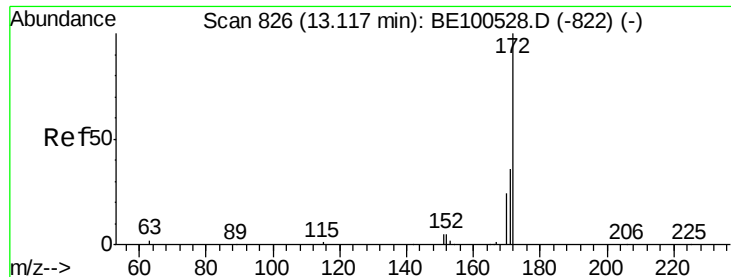
#14
2,4,6-Tribromophenol
Concen: 0.826 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:330 Resp: 2025
Ion Ratio Lower Upper
330 100
332 77.9 75.5 113.3
141 46.6 42.3 63.5



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

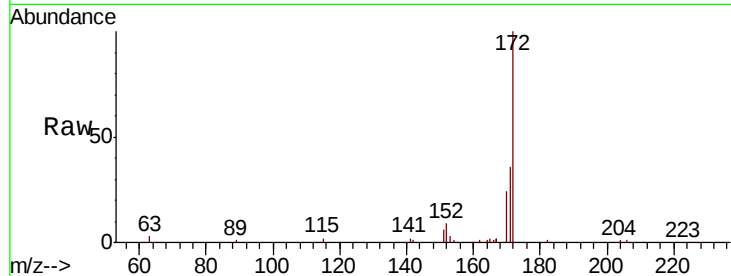




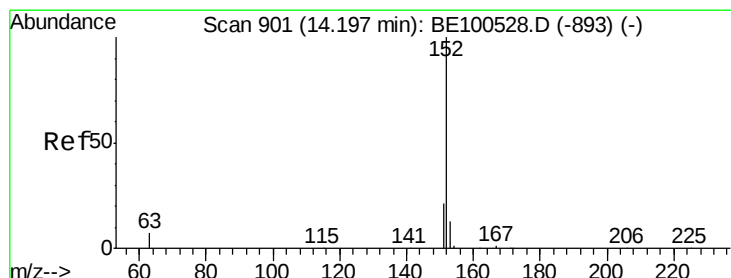
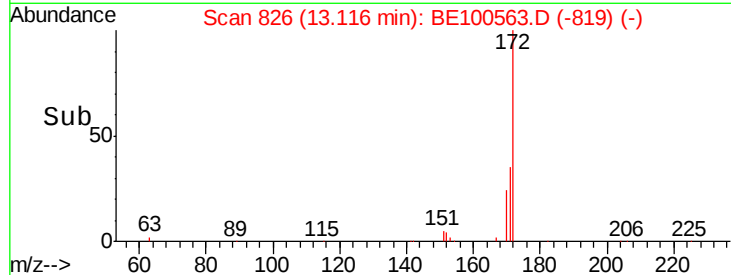
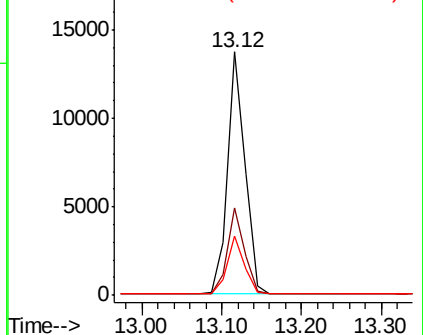
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 20845
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.4 29.0

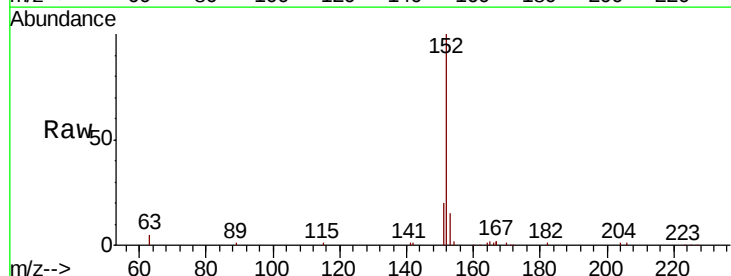


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

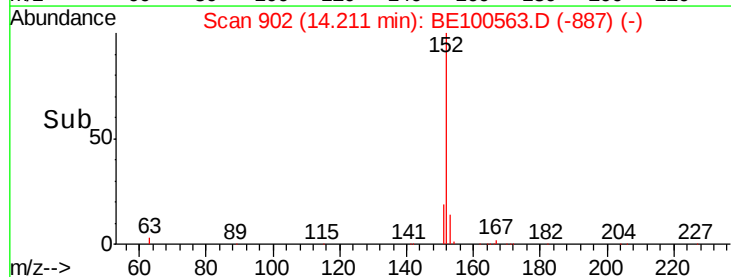
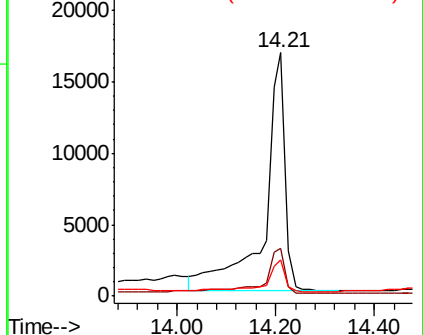


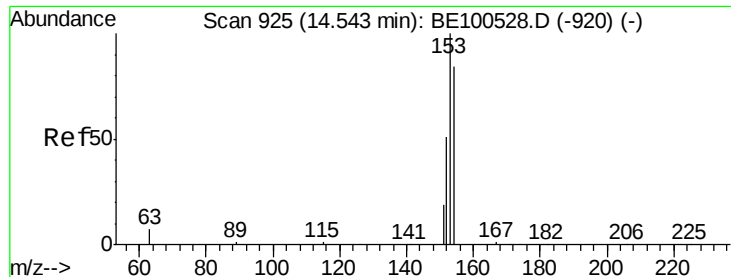
#16
Acenaphthylene
Concen: 0.771 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:152 Resp: 48146
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.0 10.7 16.1



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

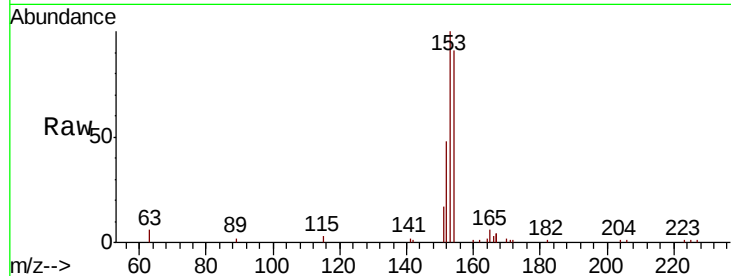




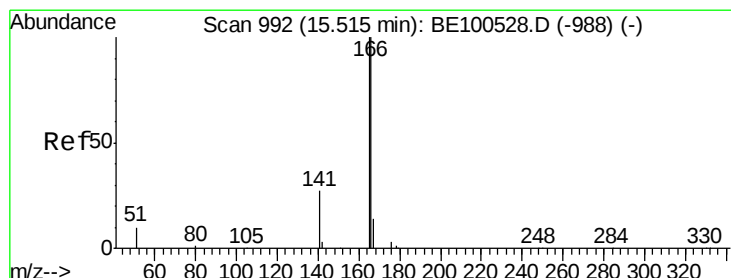
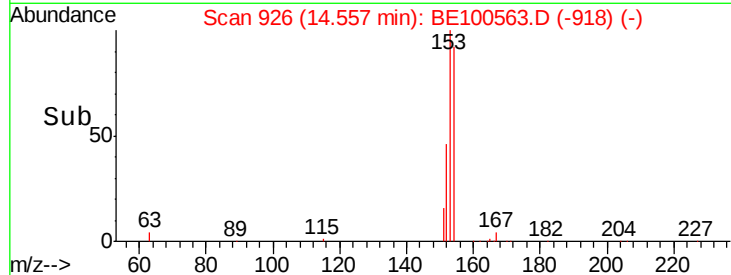
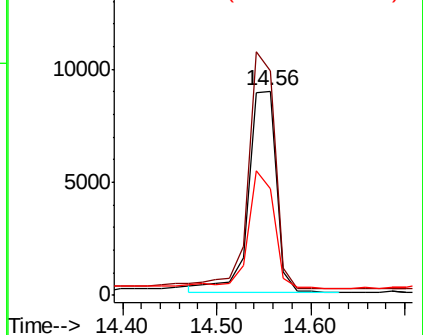
#17
Acenaphthene
Concen: 0.436 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 18383
Ion Ratio Lower Upper
154 100
153 113.3 93.7 140.5
152 54.5 47.3 70.9

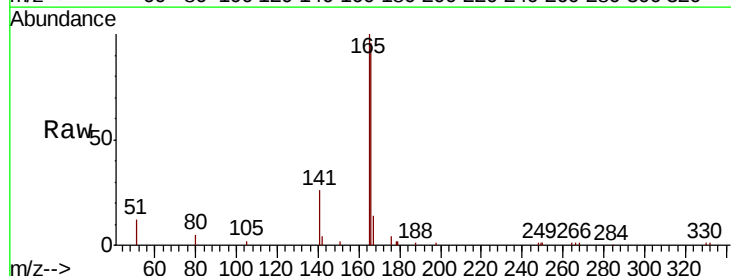


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

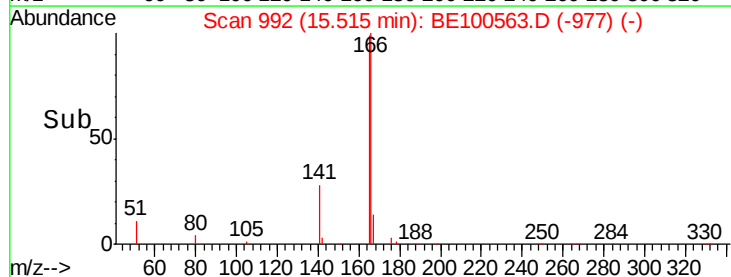
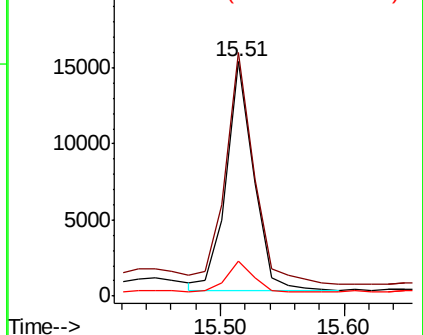


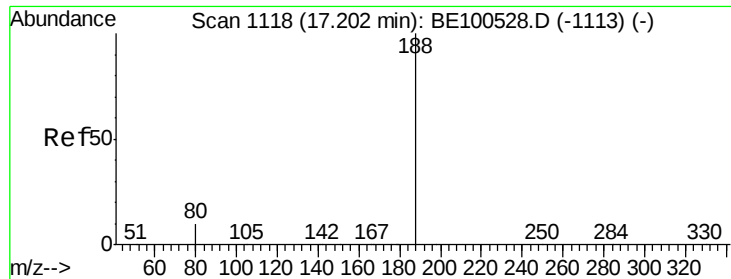
#18
Fluorene
Concen: 0.434 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:166 Resp: 22904
Ion Ratio Lower Upper
166 100
165 106.0 80.1 120.1
167 13.0 10.9 16.3



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: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

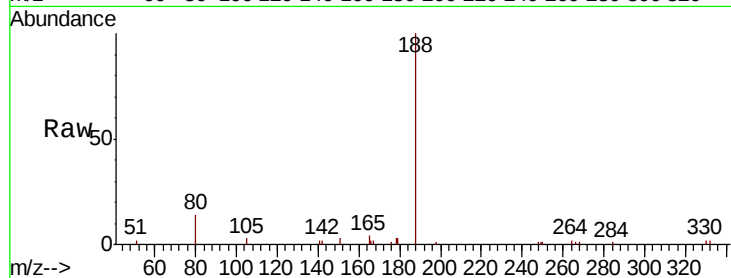
Tot Ion:188 Resp: 29561

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

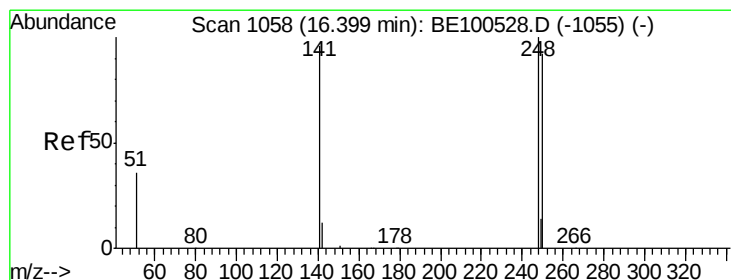
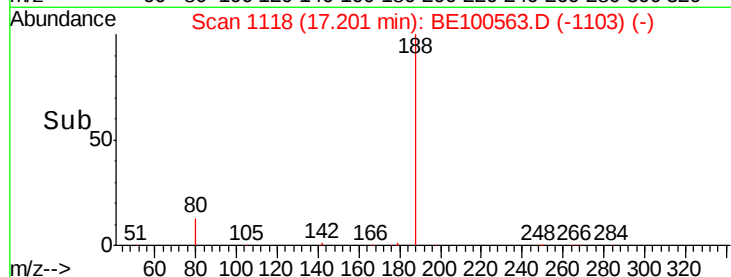
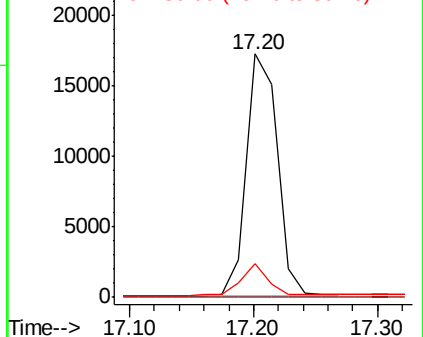
80 13.9 8.0 12.0#



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: 0.425 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

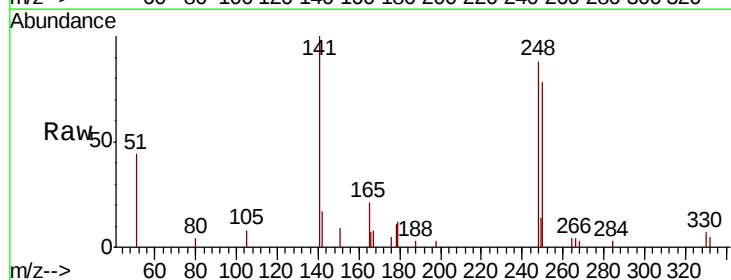
Tgt Ion:248 Resp: 5901

Ion Ratio Lower Upper

248 100

250 89.2 73.5 110.3

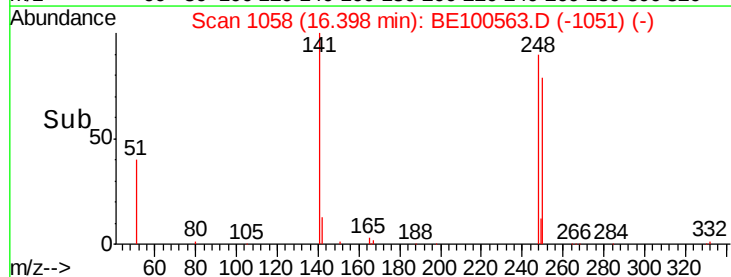
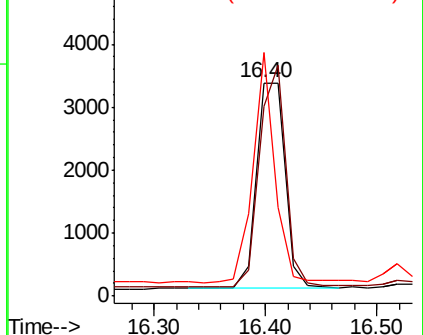
141 114.0 77.0 115.4

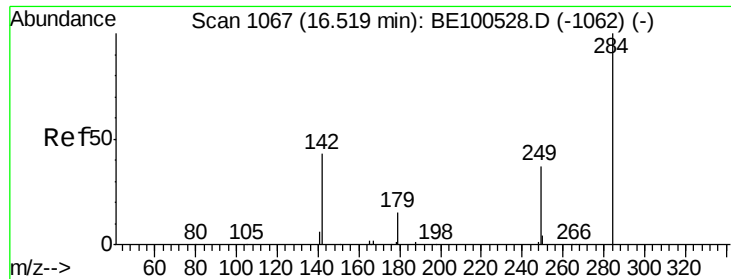


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

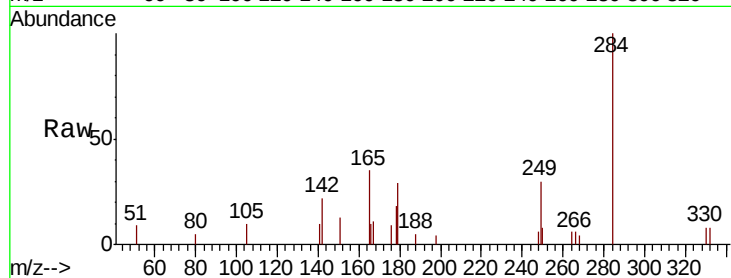




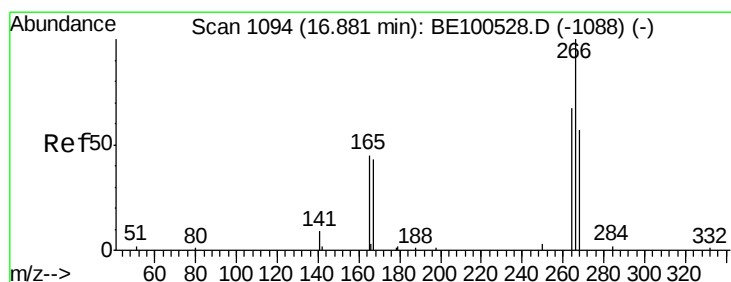
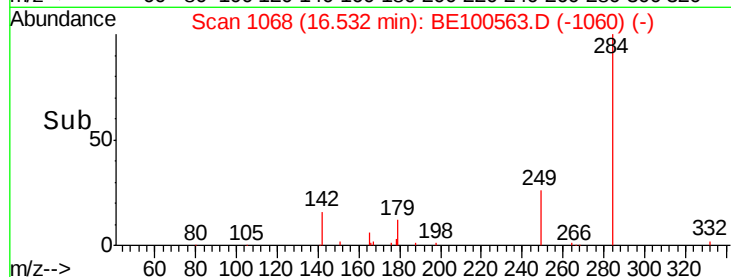
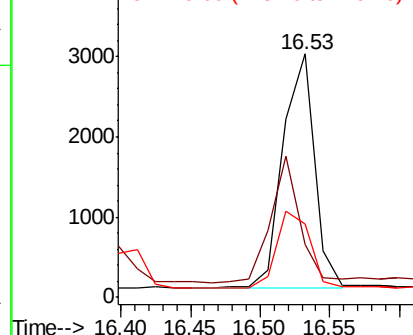
#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 4654
Ion Ratio Lower Upper
284 100
142 48.8 39.0 58.6
249 35.1 28.2 42.2

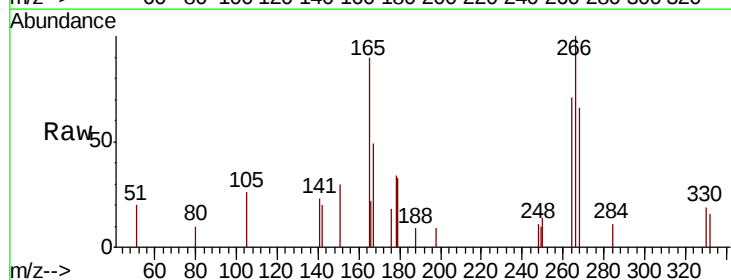


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

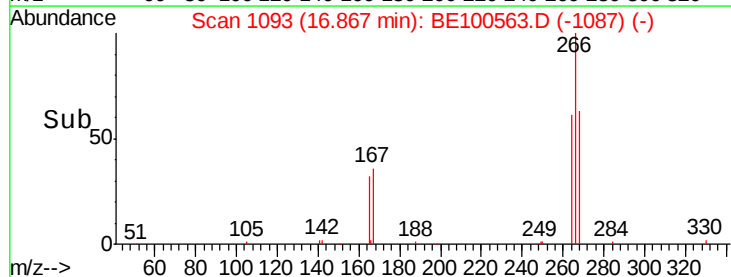
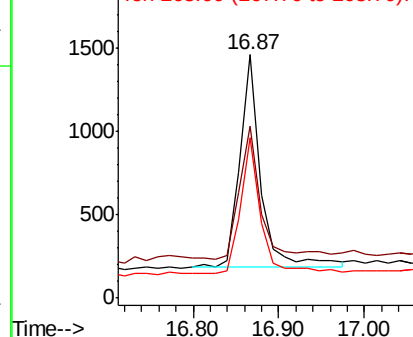


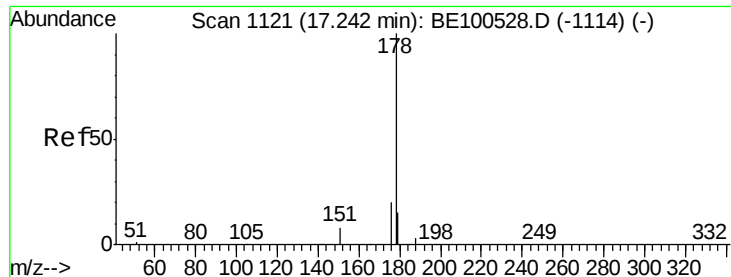
#22
Pentachlorophenol
Concen: 0.881 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:266 Resp: 2157
Ion Ratio Lower Upper
266 100
264 70.6 57.6 86.4
268 65.7 55.1 82.7



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: 0.464 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

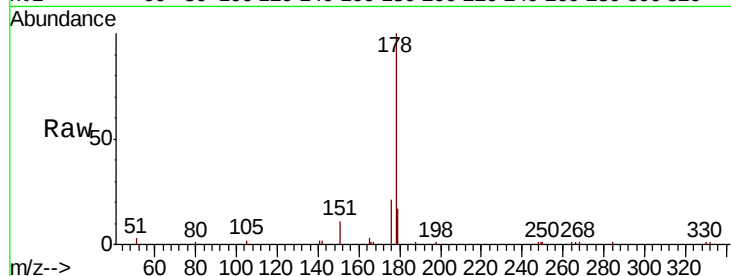
Tot Ion:178 Resp: 38188

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

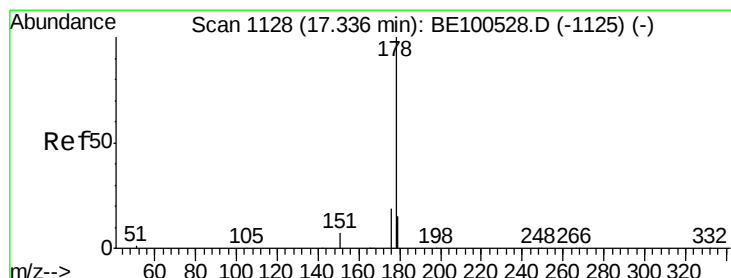
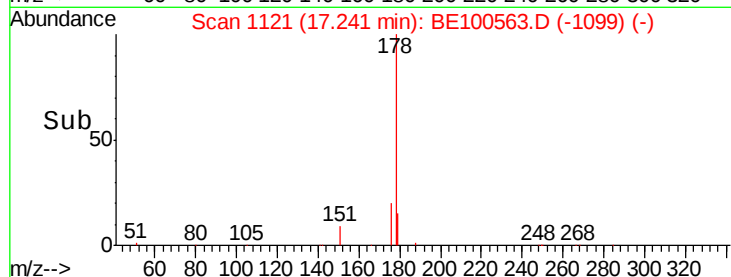
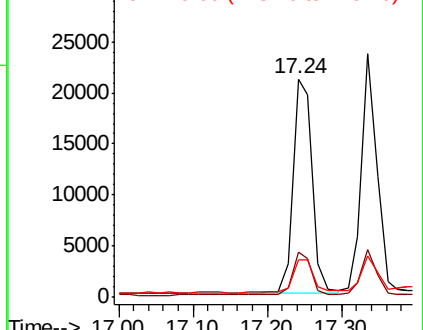
179 17.2 12.6 18.8



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: 0.489 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

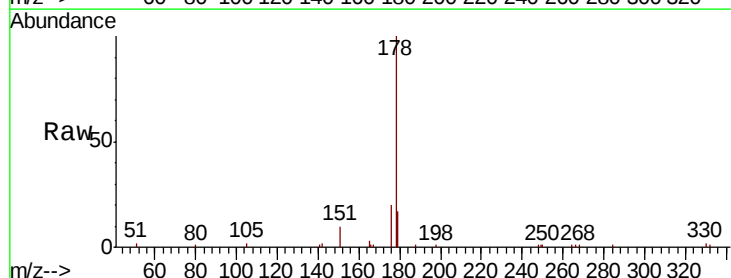
Tgt Ion:178 Resp: 33898

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

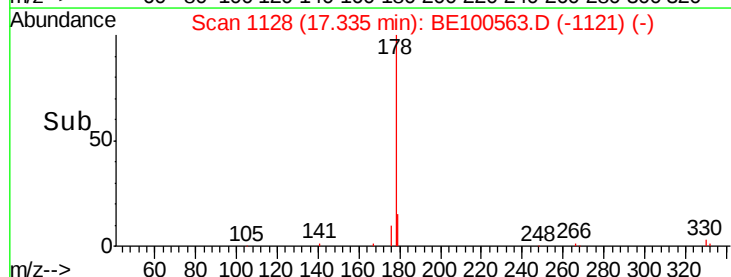
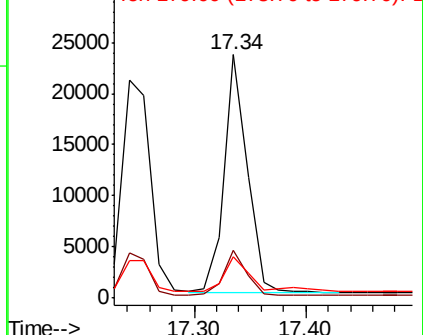
179 15.2 12.2 18.4

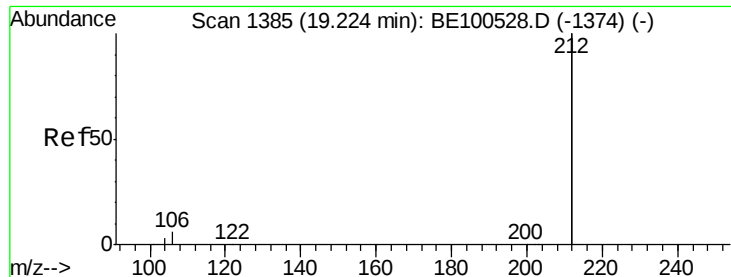


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

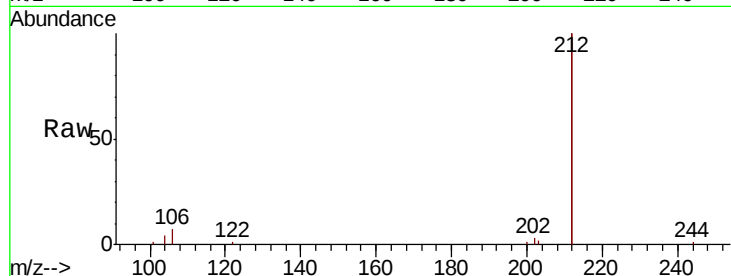
Tot Ion:212 Resp: 134182

Ion Ratio Lower Upper

212 100

106 3.3 2.3 3.5

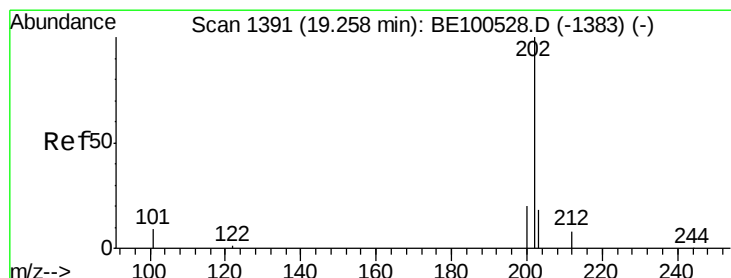
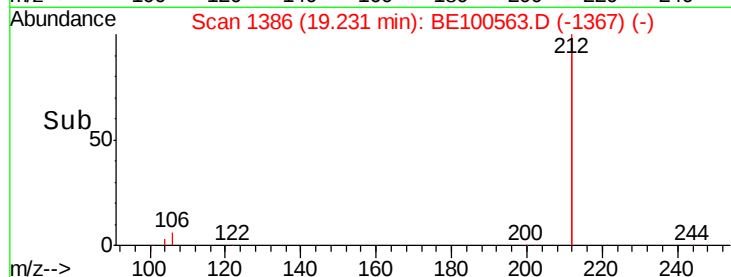
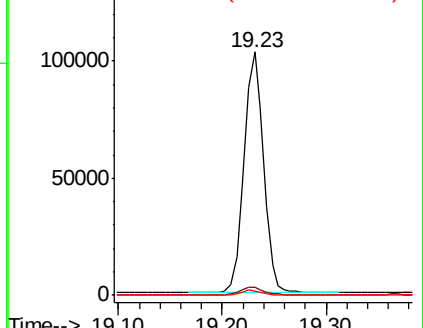
104 1.9 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.441 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

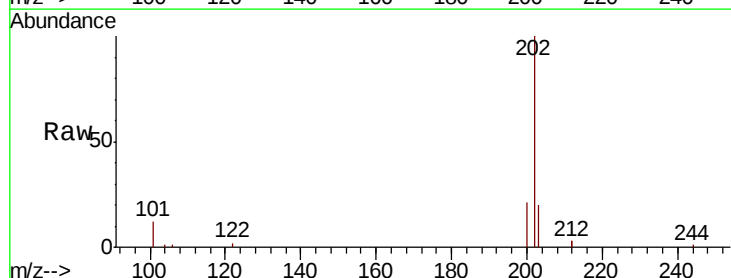
Tgt Ion:202 Resp: 43824

Ion Ratio Lower Upper

202 100

101 12.1 8.8 13.2

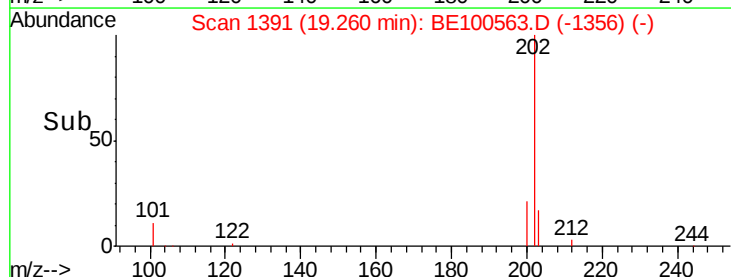
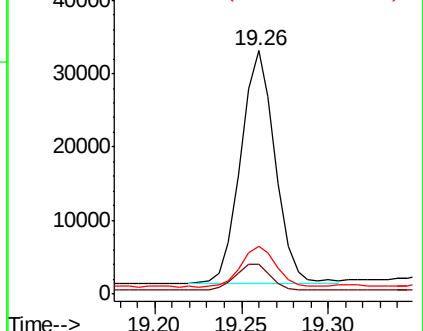
203 17.9 13.7 20.5

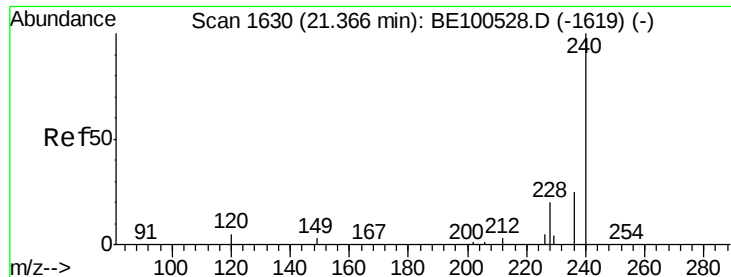


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

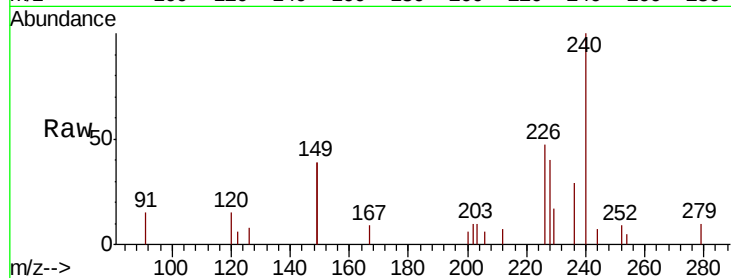




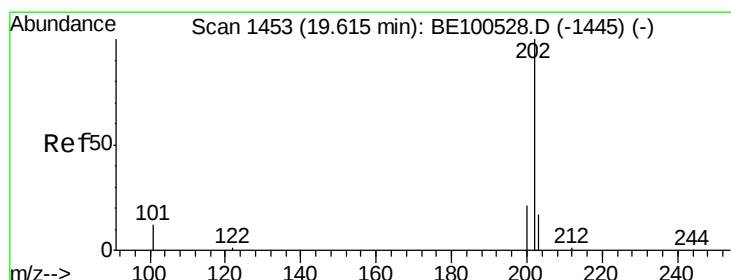
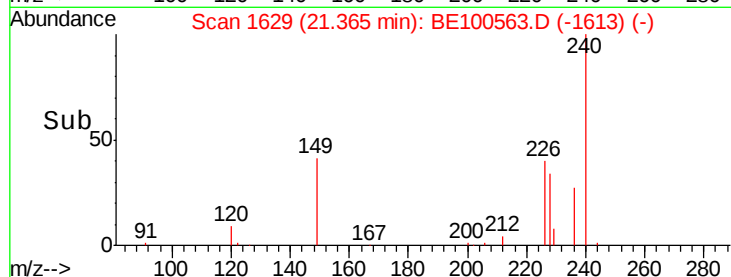
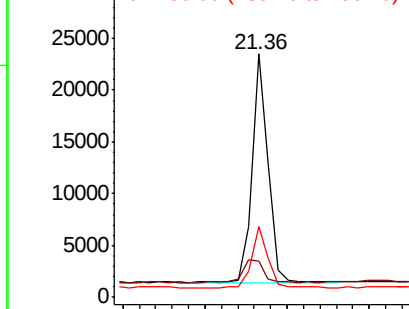
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 30187
Ion Ratio Lower Upper
240 100
120 14.7 4.5 6.7#
236 29.3 20.6 30.8

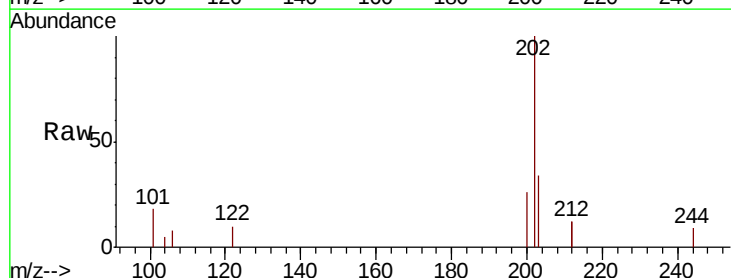


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

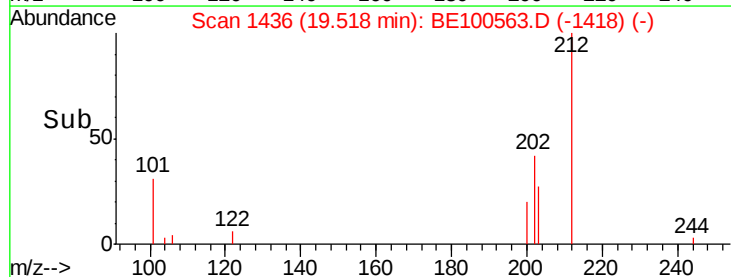
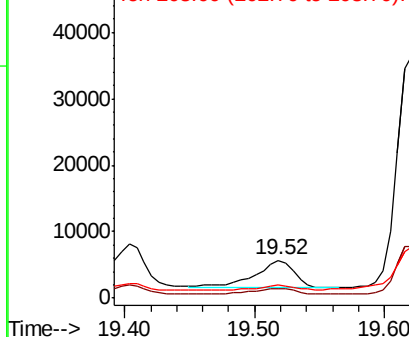


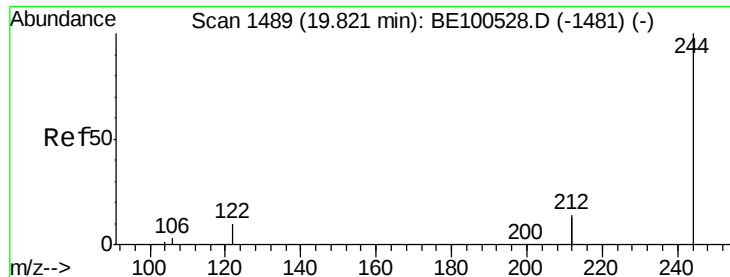
#28
Pyrene
Concen: 0.101 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.10 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:202 Resp: 8767
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.1 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: 0.441 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :

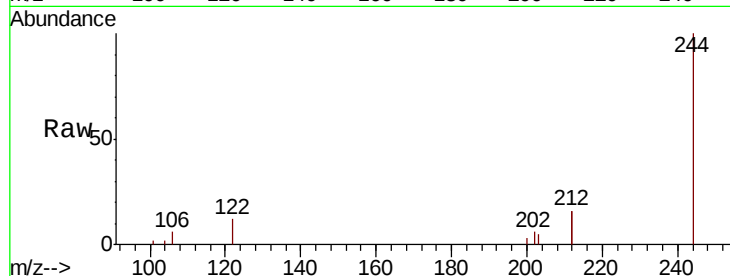
Tot Ion:244 Resp: 31537

Ion Ratio Lower Upper

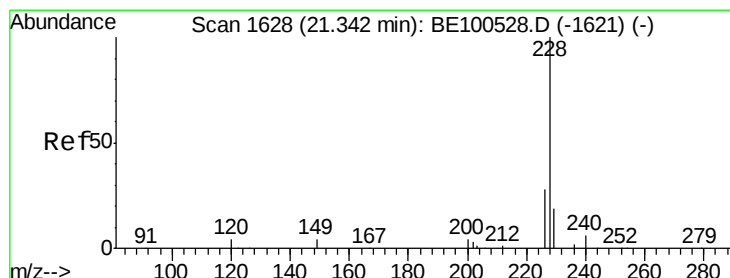
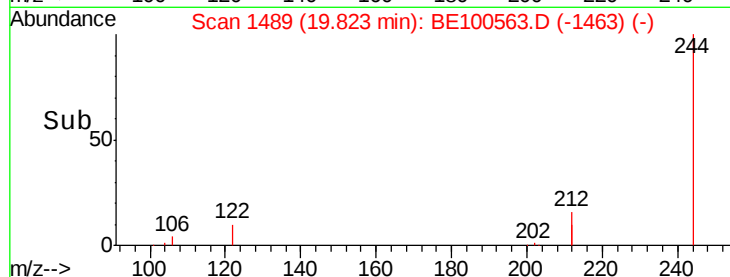
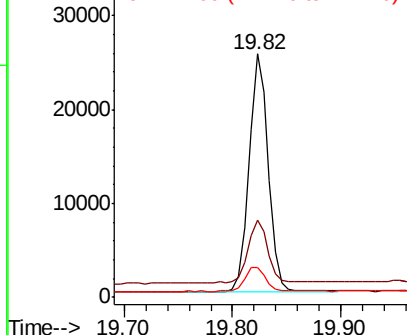
244 100

212 31.5 22.2 33.2

122 12.5 8.3 12.5



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: 0.531 ng

RT: 21.35 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

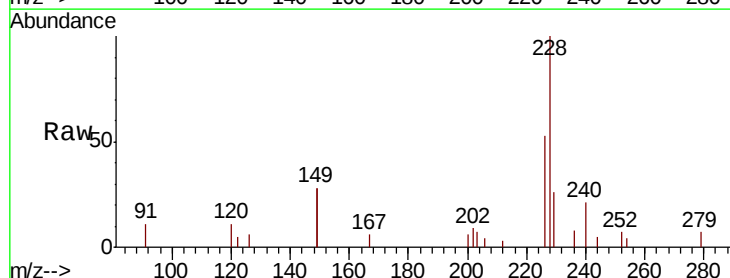
Tgt Ion:228 Resp: 42788

Ion Ratio Lower Upper

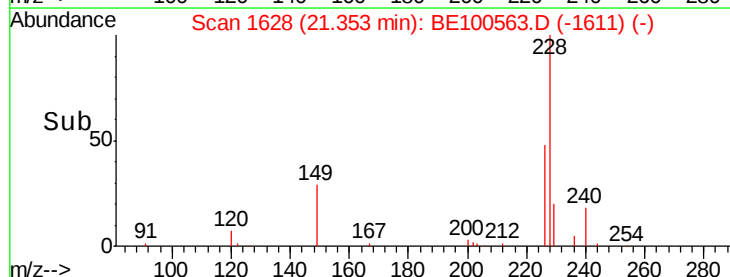
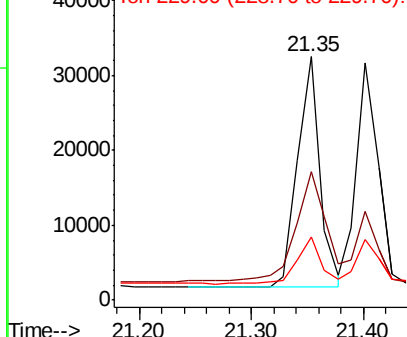
228 100

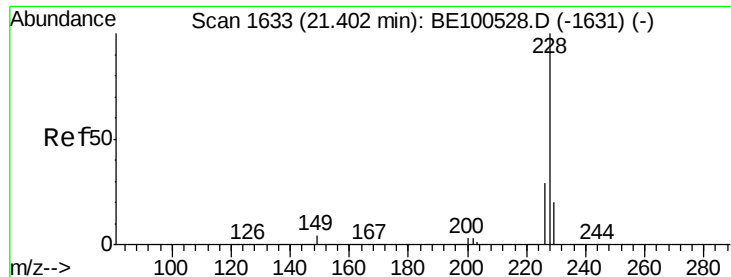
226 52.8 22.5 33.7#

229 26.1 15.4 23.2#



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

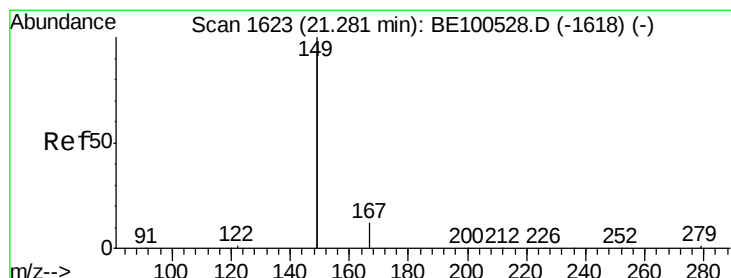
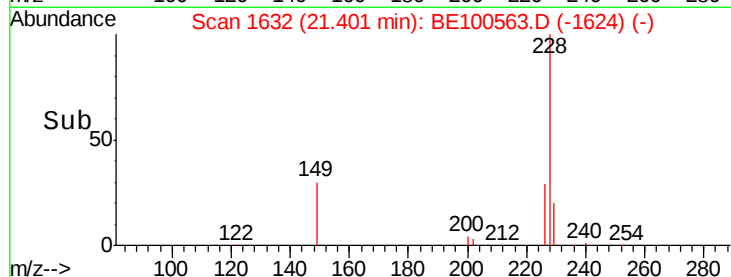
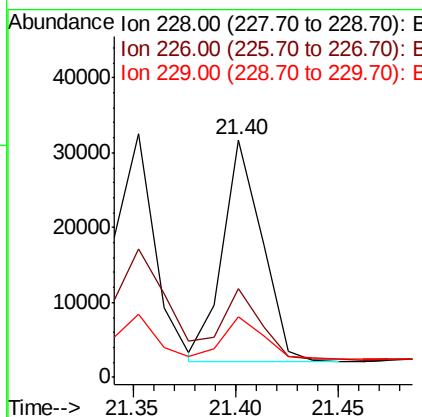
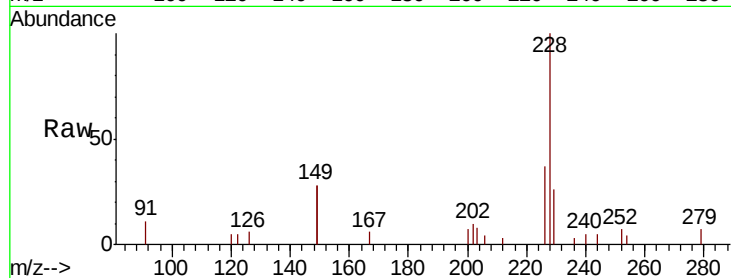




#31
 Chrysene
 Concen: 0.427 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE100563.D
 Acq: 25 Sep 2019 19:04

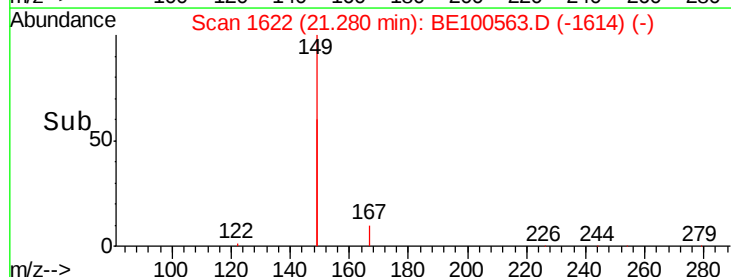
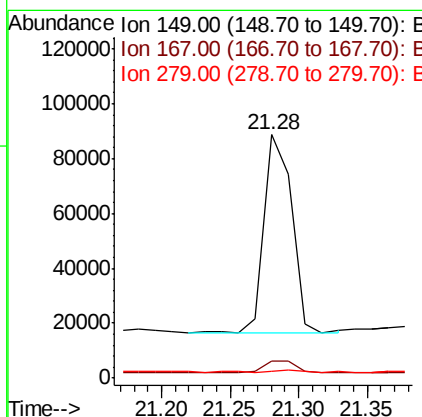
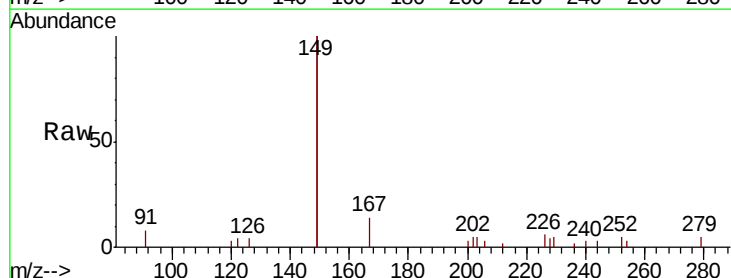
Instrument :
 BNA_E
 ClientSampleId :

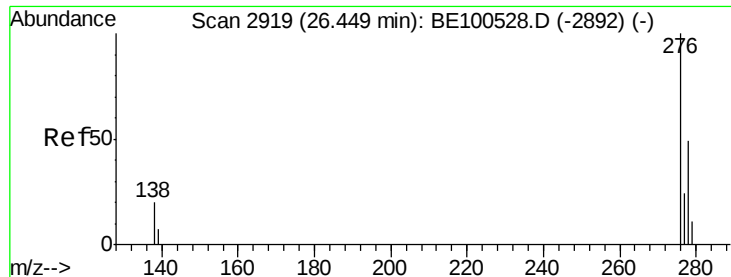
Tot Ion:228 Resp: 39225
 Ion Ratio Lower Upper
 228 100
 226 37.2 23.3 34.9#
 229 25.6 16.3 24.5#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.170 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE100563.D
 Acq: 25 Sep 2019 19:04

Tgt Ion:149 Resp: 101686
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.2 7.8
 279 1.1 1.0 1.4

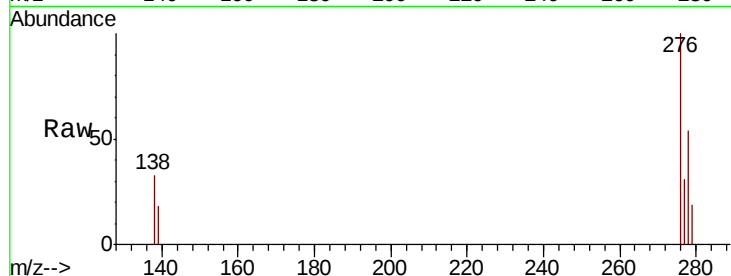




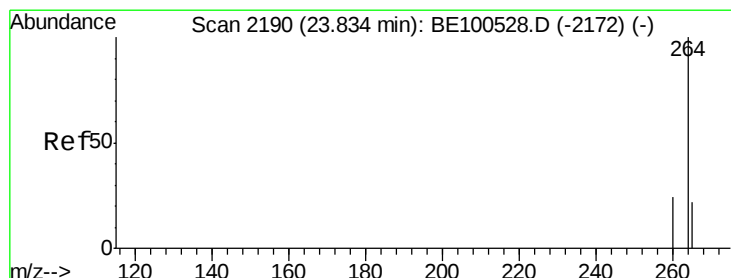
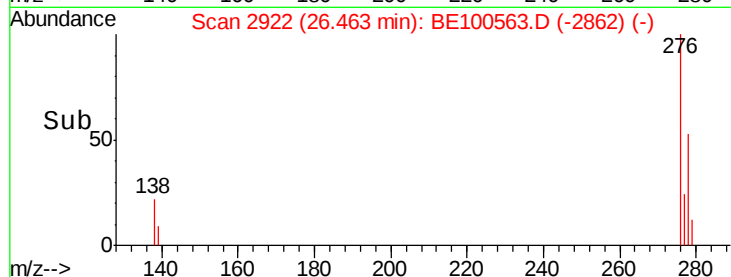
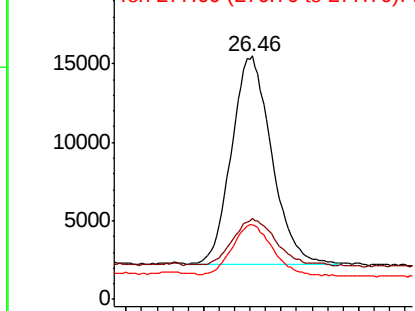
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng
RT: 26.46 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 47266
Ion Ratio Lower Upper
276 100
138 24.5 17.7 26.5
277 24.4 19.9 29.9

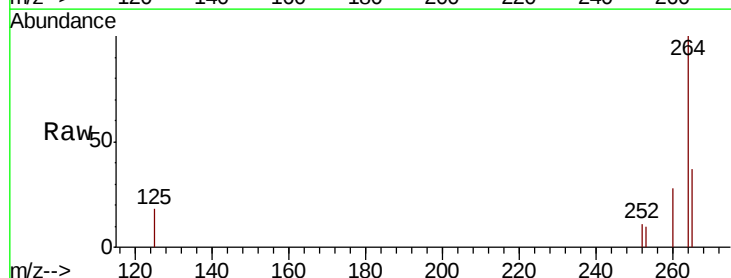


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

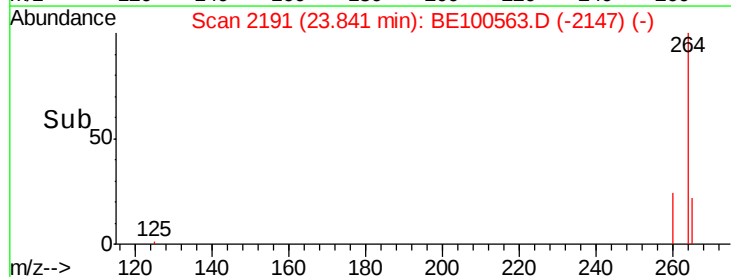
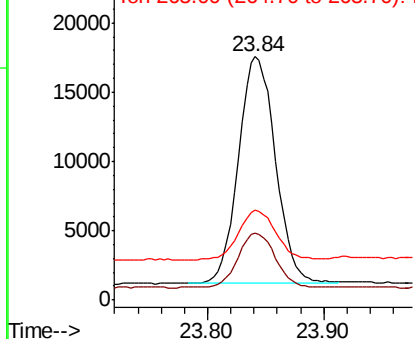


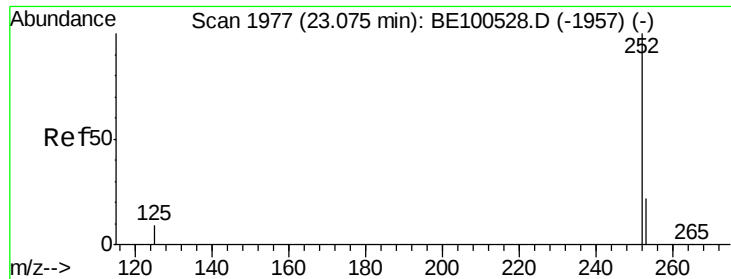
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:264 Resp: 36322
Ion Ratio Lower Upper
264 100
260 27.7 19.6 29.4
265 36.8 21.8 32.8#



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

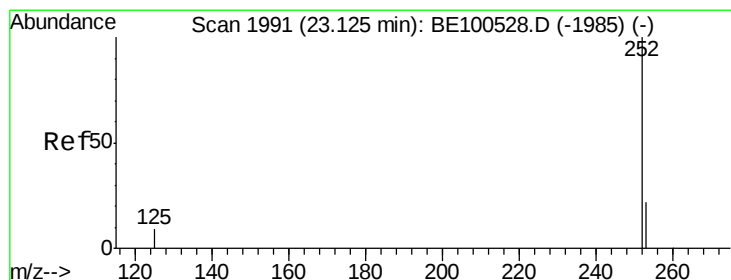
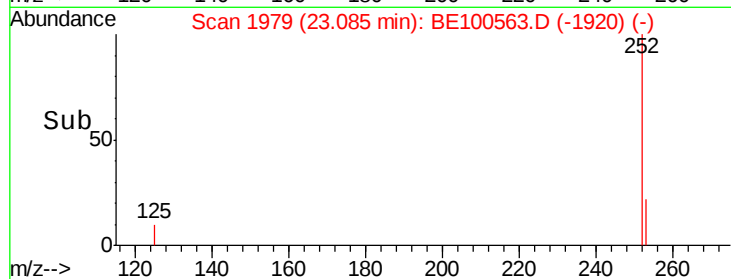
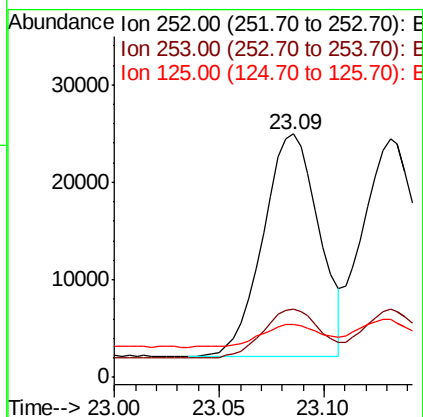
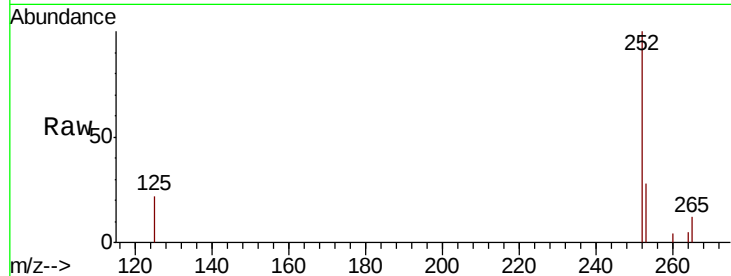




#35
Benzo(b)fluoranthene
Concen: 0.431 ng
RT: 23.09 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

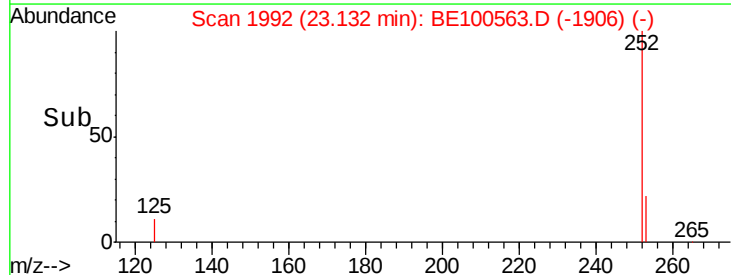
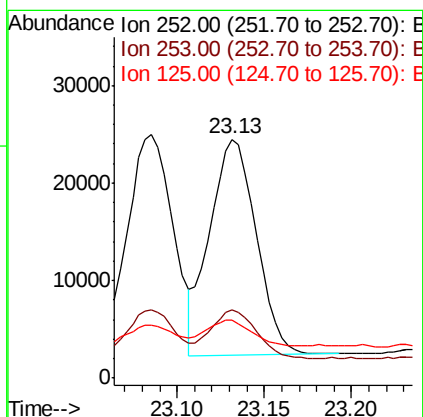
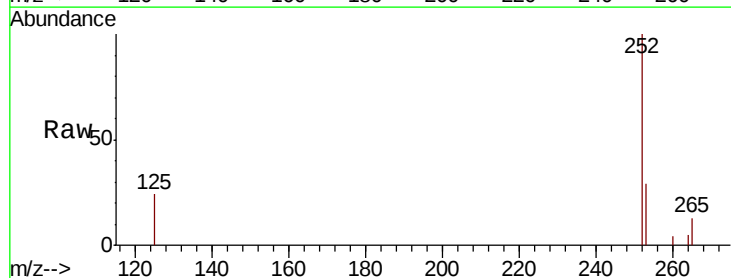
Instrument :
BNA_E
ClientSampleId :

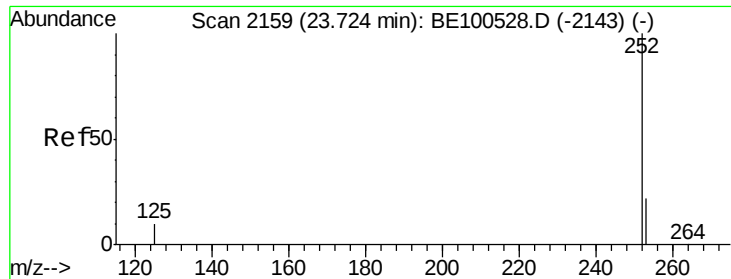
Tot Ion:252 Resp: 42394
Ion Ratio Lower Upper
252 100
253 28.2 18.1 27.1#
125 22.0 8.0 12.0#



#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BE100563.D
Acq: 25 Sep 2019 19:04

Tgt Ion:252 Resp: 41161
Ion Ratio Lower Upper
252 100
253 28.6 17.9 26.9#
125 24.1 8.5 12.7#





#37

Benzo(a)pyrene

Concen: 0.453 ng

RT: 23.73 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampled :

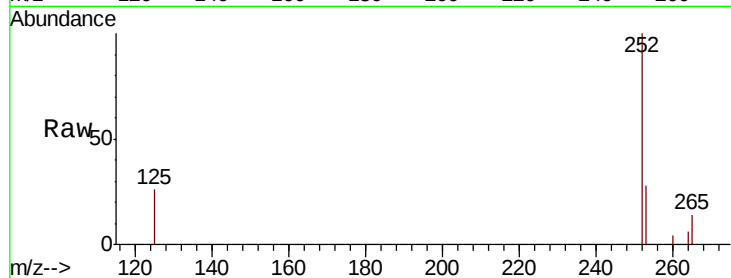
Tot Ion:252 Resp: 41539

Ion Ratio Lower Upper

252 100

253 28.3 18.1 27.1#

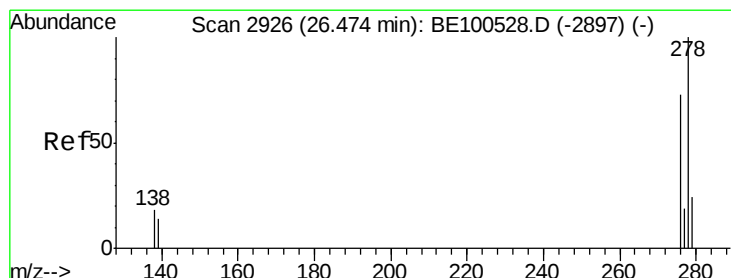
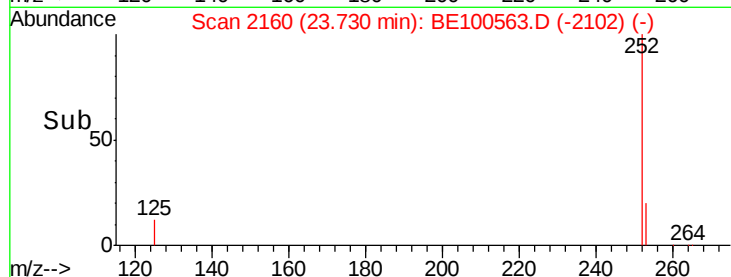
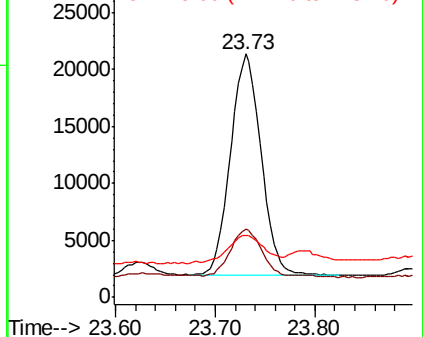
125 25.6 9.2 13.8#



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: 0.408 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.01 min

Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

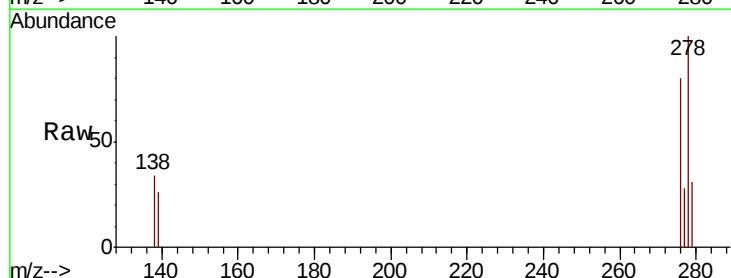
Tgt Ion:278 Resp: 38975

Ion Ratio Lower Upper

278 100

139 25.9 11.6 17.4#

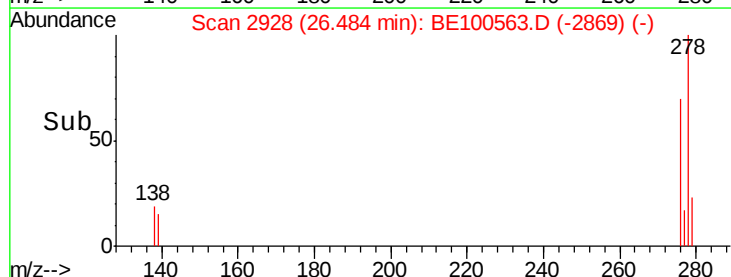
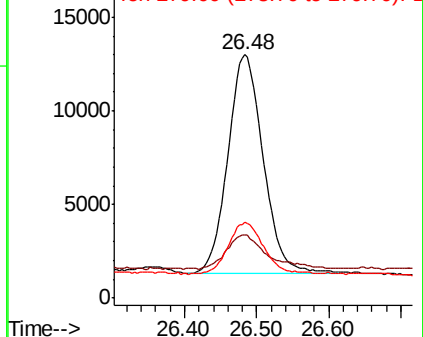
279 31.2 19.7 29.5#

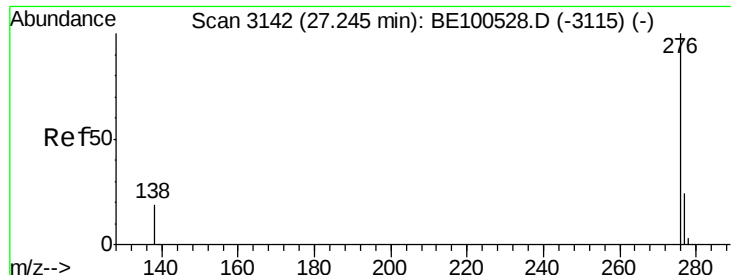


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.407 ng

RT: 27.27 min Scan# 3147

Delta R.T. 0.02 min

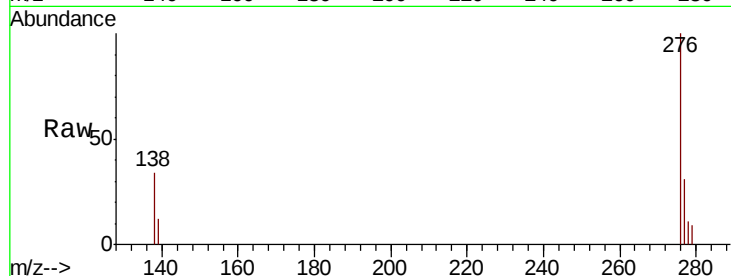
Lab File: BE100563.D

Acq: 25 Sep 2019 19:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 40581

Ion Ratio Lower Upper

276 100

277 31.3 19.2 28.8#

138 33.7 15.7 23.5#

