

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100333.D
 Acq On : 3 Jul 2019 17:50
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 04 00:36:13 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 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	561	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2031	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1615	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	4903	0.40	ng	0.00
27) Chrysene-d12	21.24	240	5899	0.40	ng	0.00
34) Perylene-d12	23.67	264	6724	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	506	0.35	ng	-0.01
5) Phenol-d6	6.84	99	638	0.34	ng	0.00
8) Nitrobenzene-d5	8.81	82	801	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1670	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	309	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2714	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	28345	0.40	ng	0.00
29) Terphenyl-d14	19.70	244	6649	0.54	ng	0.00

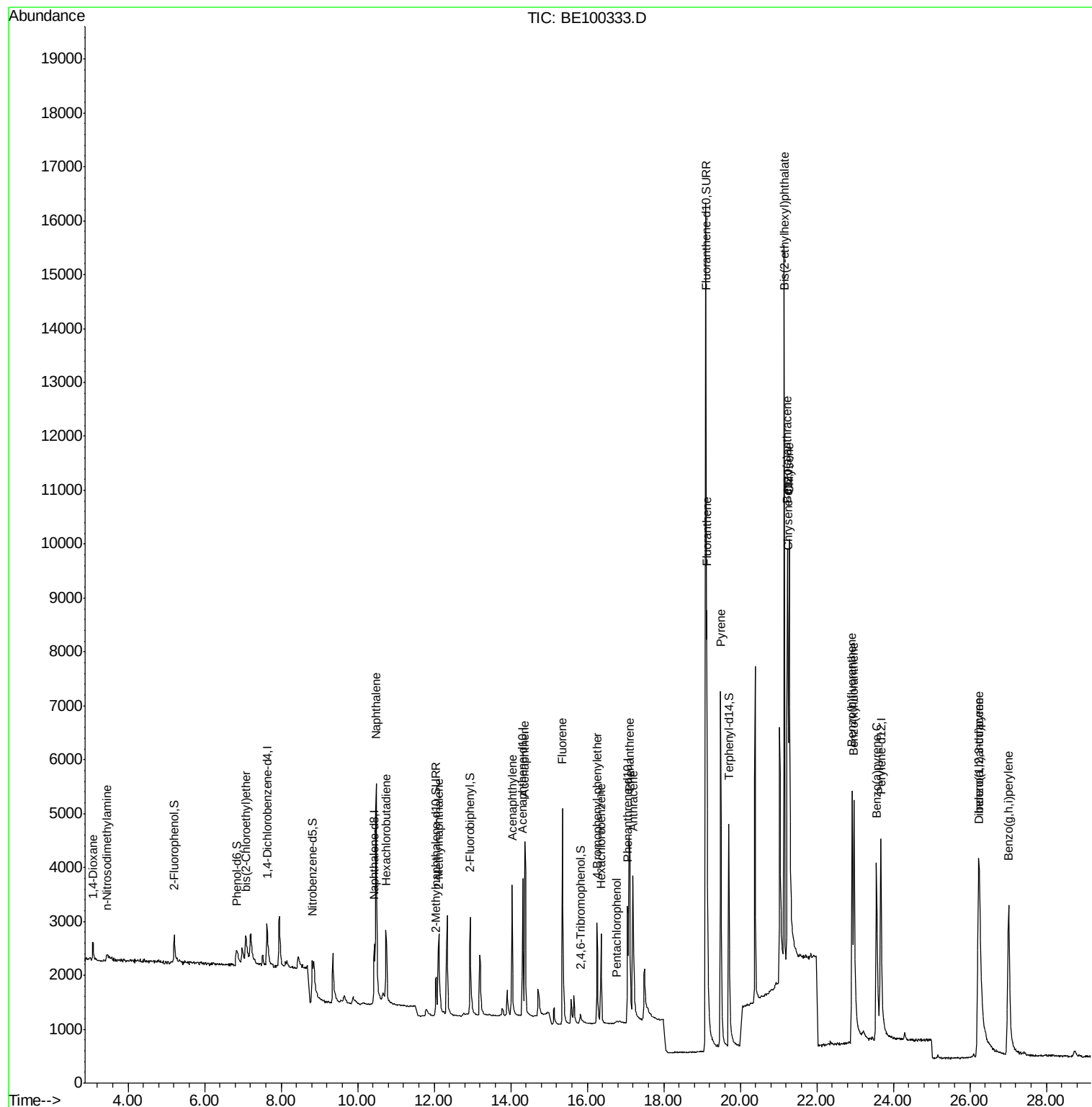
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	352	0.404	ng	# 93
3) n-Nitrosodimethylamine	3.45	42	152	0.375	ng	87
6) bis(2-Chloroethyl)ether	7.08	93	600	0.388	ng	98
9) Naphthalene	10.48	128	9569	0.427	ng	100
10) Hexachlorobutadiene	10.74	225	1058	0.490	ng	99
12) 2-Methylnaphthalene	12.12	142	1546	0.393	ng	99
16) Acenaphthylene	14.04	152	3445	0.445	ng	99
17) Acenaphthene	14.37	154	1981	0.451	ng	99
18) Fluorene	15.35	166	2891	0.445	ng	98
20) 4-Bromophenyl-phenylether	16.25	248	1409	0.450	ng	# 83
21) Hexachlorobenzene	16.36	284	1478	0.455	ng	96
22) Pentachlorophenol	16.77	266	102	0.104	ng	86
23) Phenanthrene	17.09	178	4924	0.414	ng	99
24) Anthracene	17.20	178	4214	0.394	ng	99
26) Fluoranthene	19.13	202	8001	0.423	ng	100
28) Pyrene	19.49	202	8311	0.532	ng	100
30) Benzo(a)anthracene	21.23	228	7519	0.388	ng	98
31) Chrysene	21.28	228	8517	0.437	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	14303	0.464	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	9666	0.375	ng	97
35) Benzo(b)fluoranthene	22.93	252	7026	0.385	ng	99
36) Benzo(k)fluoranthene	22.97	252	9560	0.470	ng	# 96
37) Benzo(a)pyrene	23.56	252	7763	0.425	ng	94
38) Dibenzo(a,h)anthracene	26.25	278	6903	0.362	ng	# 95
39) Benzo(g,h,i)perylene	27.01	276	8700	0.444	ng	97

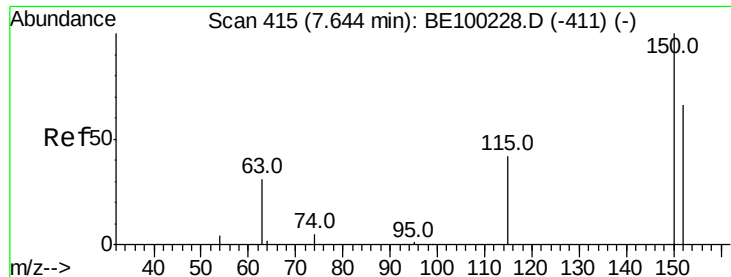
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100333.D
Acq On : 3 Jul 2019 17:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jul 04 00:36:13 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 14:06:53 2019
Response via : Initial Calibration



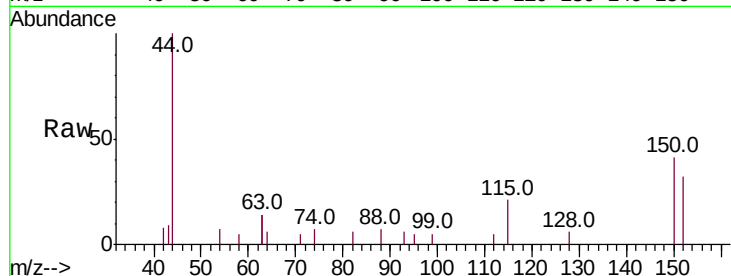


#1

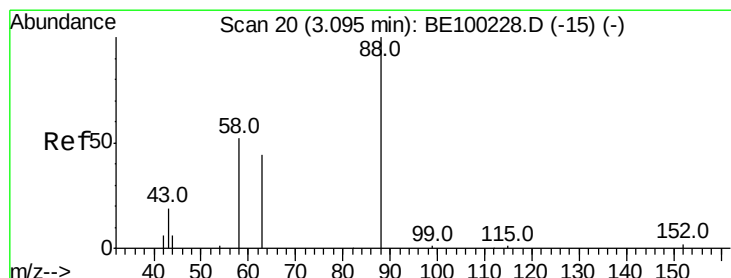
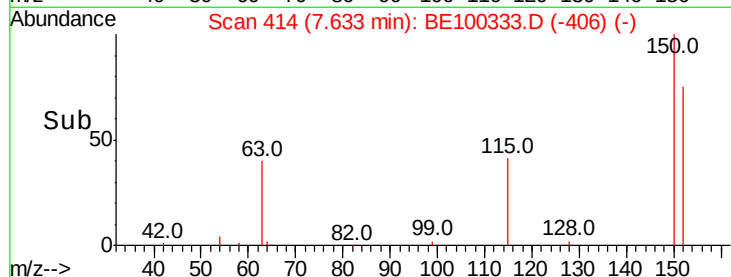
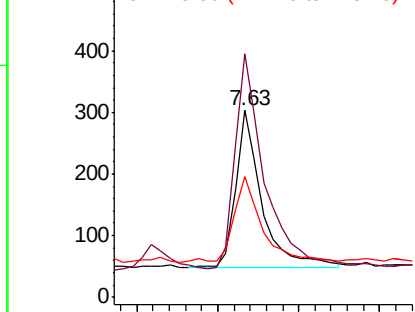
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 561
Ion Ratio Lower Upper
152 100
150 130.4 114.5 171.7
115 64.7 57.1 85.7



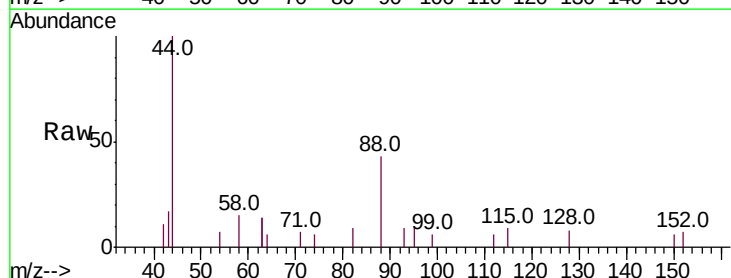
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



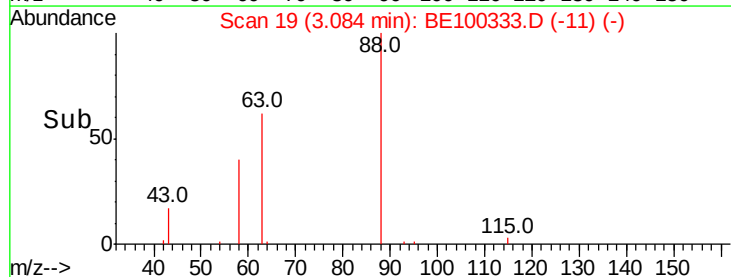
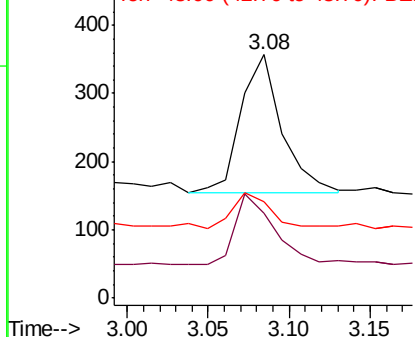
#2

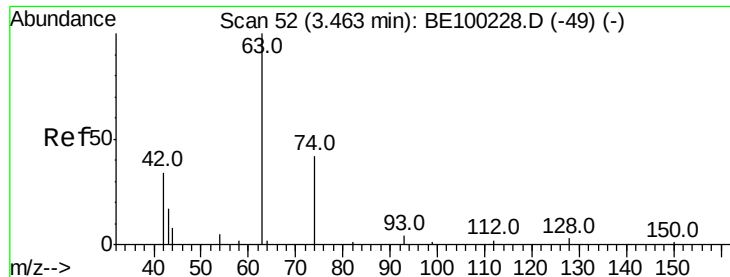
1,4-Dioxane
Concen: 0.404 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion: 88 Resp: 352
Ion Ratio Lower Upper
88 100
58 50.6 43.6 65.4
43 21.0 21.4 32.0#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.375 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

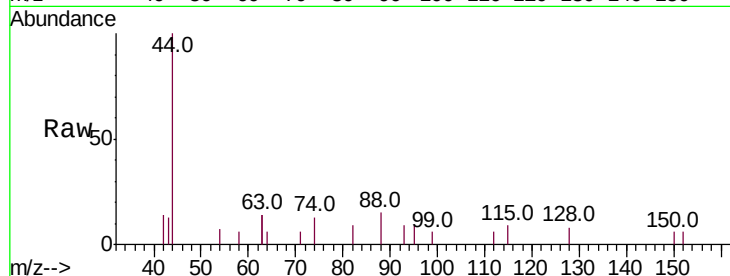
Tot Ion: 42 Resp: 152

Ion Ratio Lower Upper

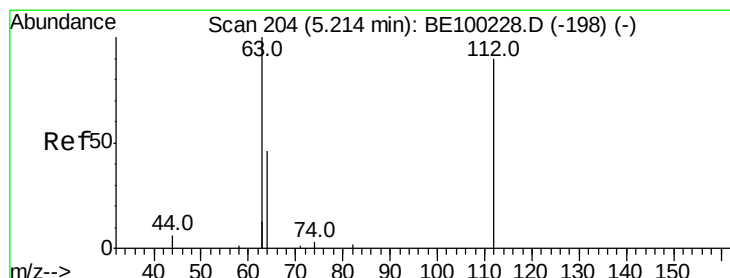
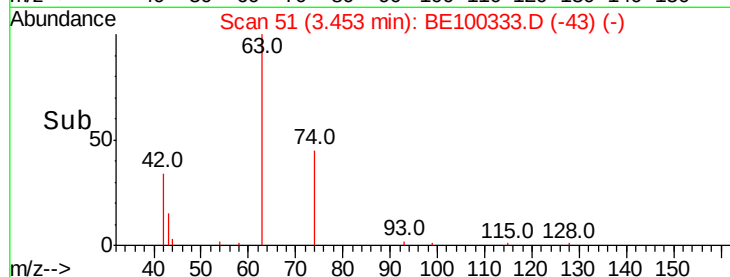
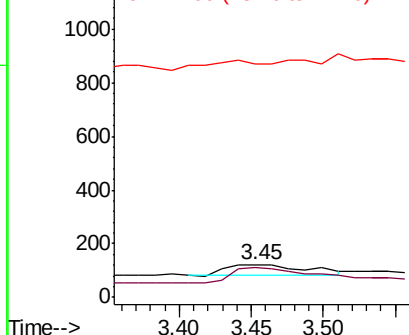
42 100

74 146.1 130.6 196.0

44 56.6 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: 0.354 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

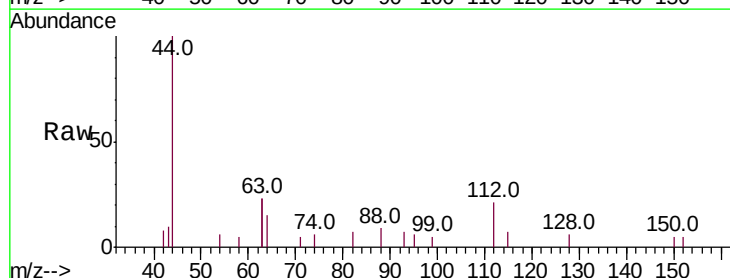
Tgt Ion: 112 Resp: 506

Ion Ratio Lower Upper

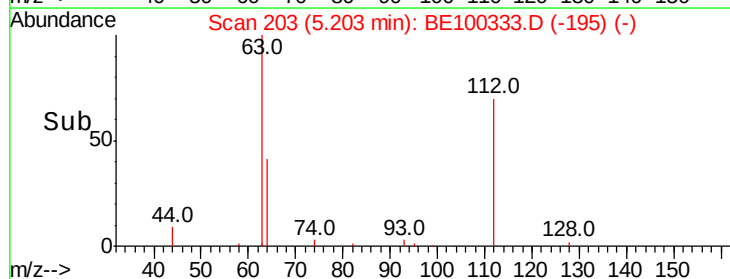
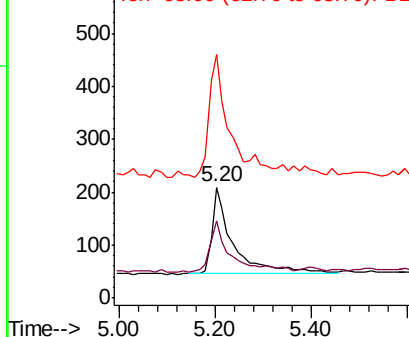
112 100

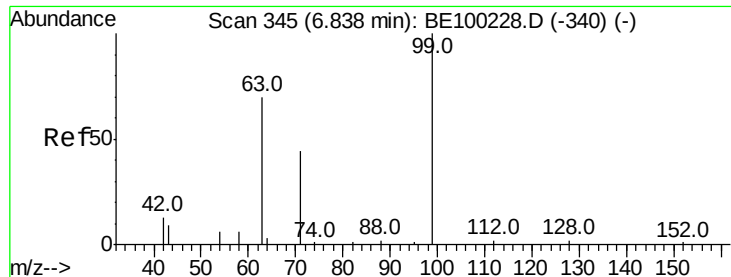
64 57.3 39.4 59.0

63 122.1 104.5 156.7



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: 0.339 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

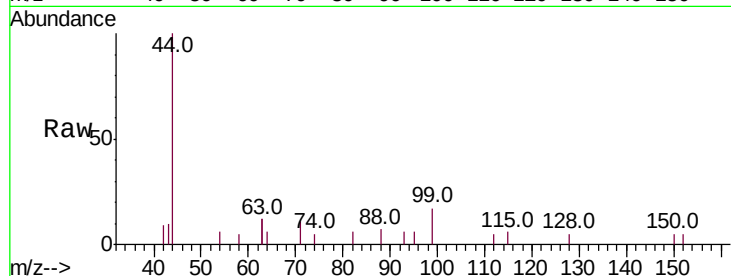
Tot Ion: 99 Resp: 638

Ion Ratio Lower Upper

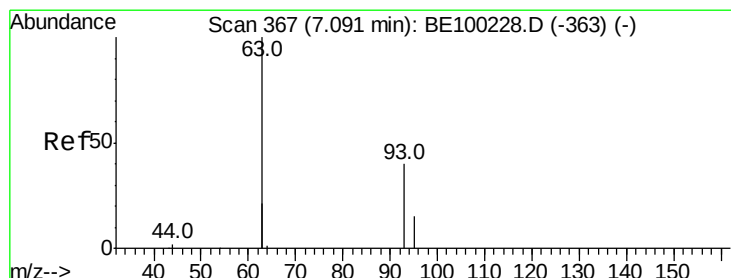
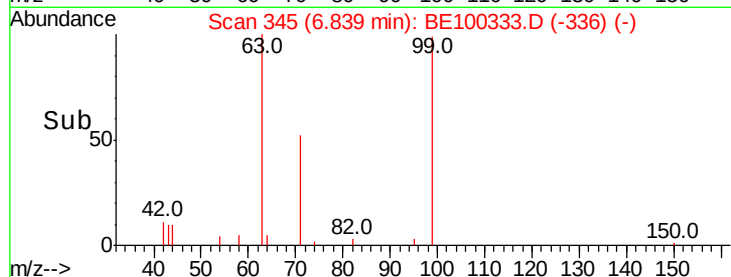
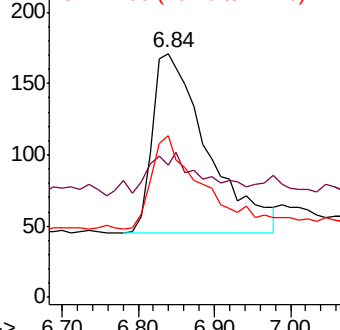
99 100

42 24.8 11.2 16.8#

71 51.4 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: 0.388 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

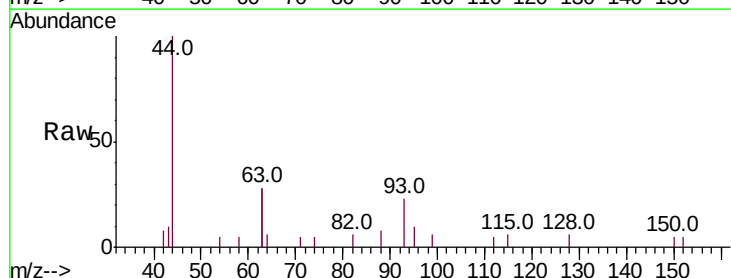
Tgt Ion: 93 Resp: 600

Ion Ratio Lower Upper

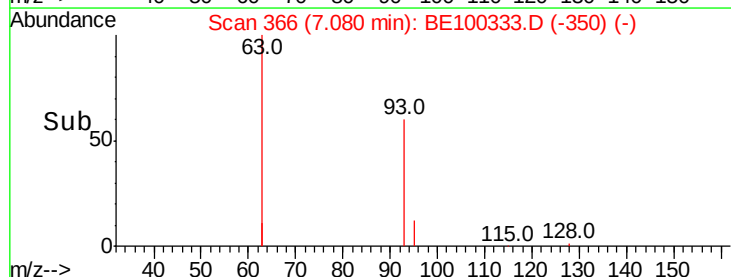
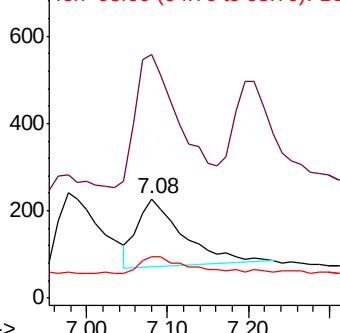
93 100

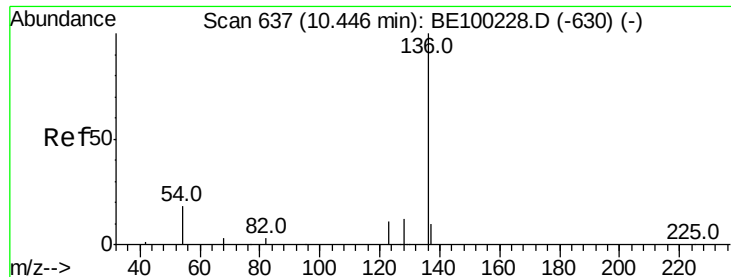
63 190.7 155.6 233.4

95 29.2 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: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2031

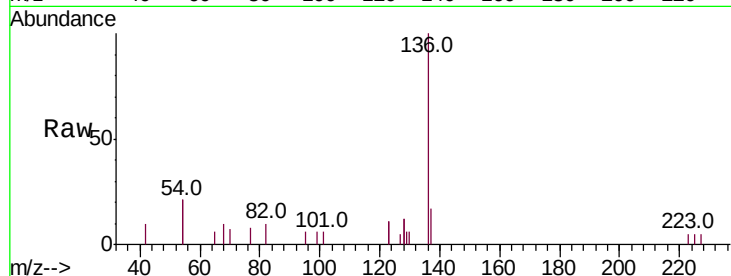
Ion Ratio Lower Upper

136 100

137 16.5 11.8 17.8

54 41.1 27.7 41.5

68 9.9 6.8 10.2

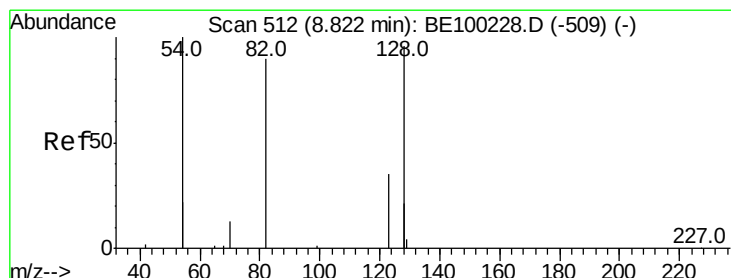
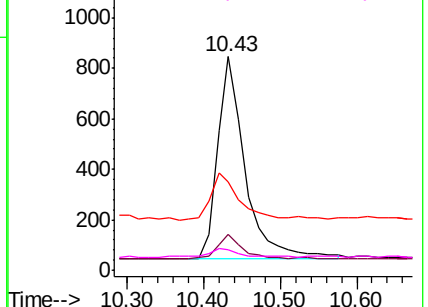
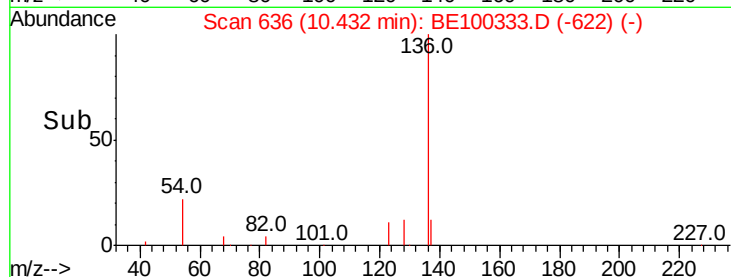


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

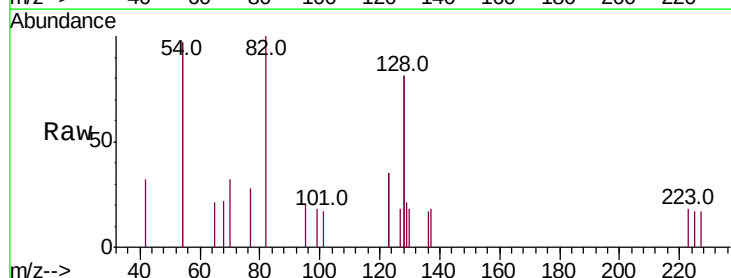
Tgt Ion: 82 Resp: 801

Ion Ratio Lower Upper

82 100

128 162.0 140.9 211.3

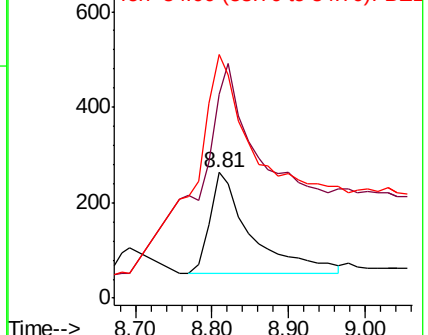
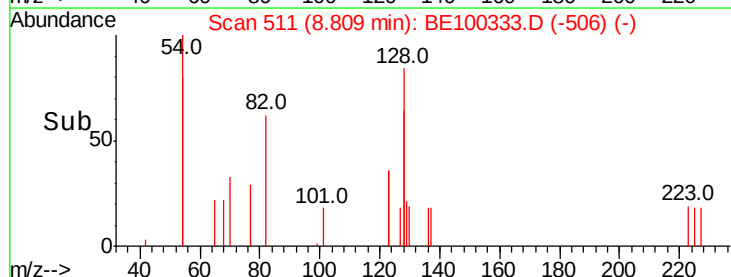
54 193.9 146.2 219.2

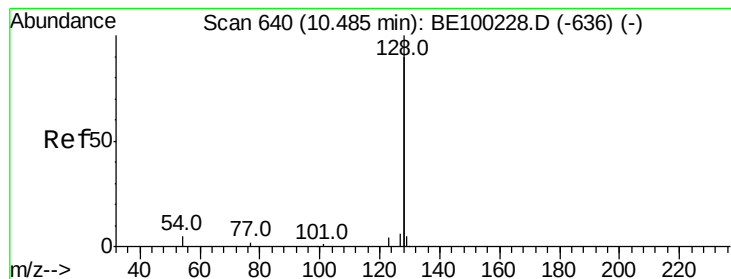


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.427 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

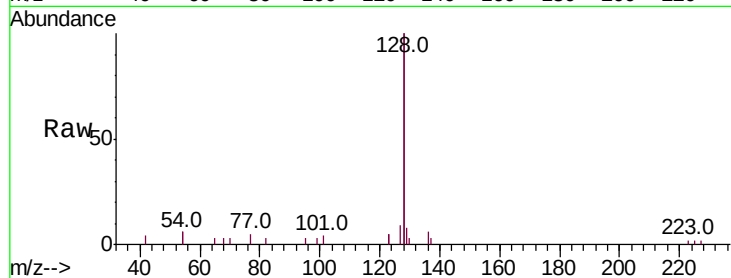
Tot Ion:128 Resp: 9569

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

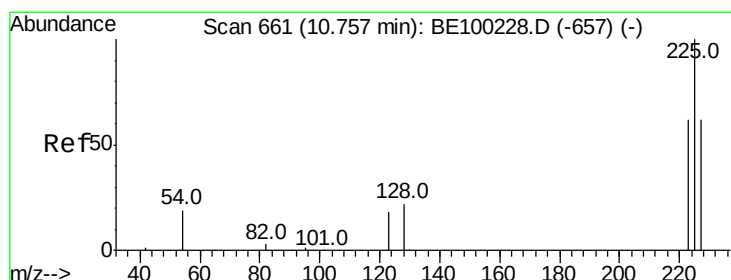
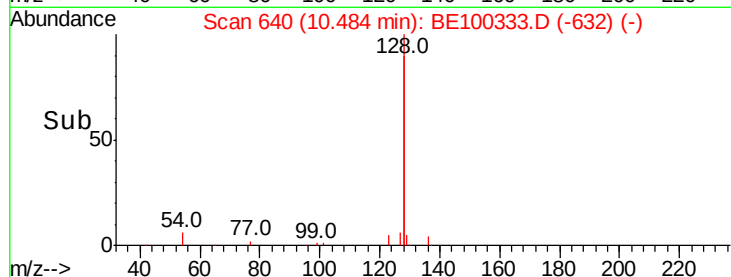
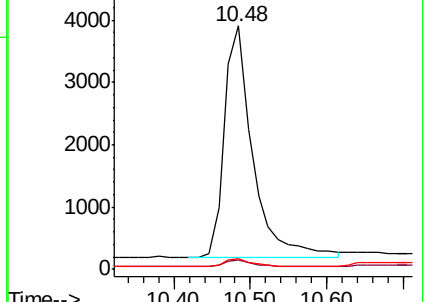
127 4.3 3.5 5.3



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: 0.490 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

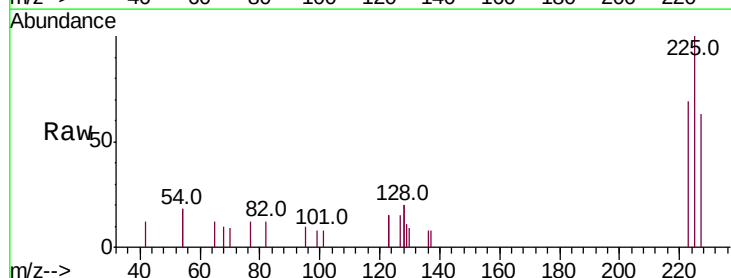
Tgt Ion:225 Resp: 1058

Ion Ratio Lower Upper

225 100

223 62.8 49.1 73.7

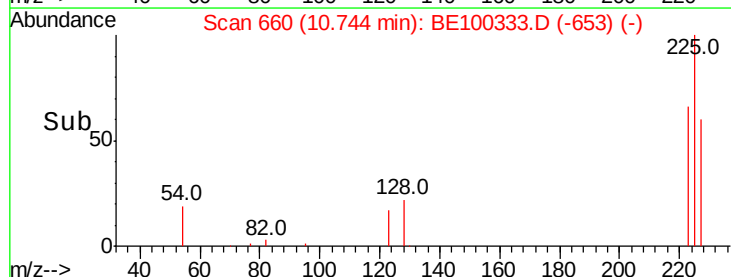
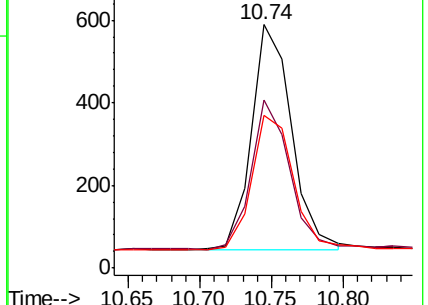
227 62.0 49.3 73.9

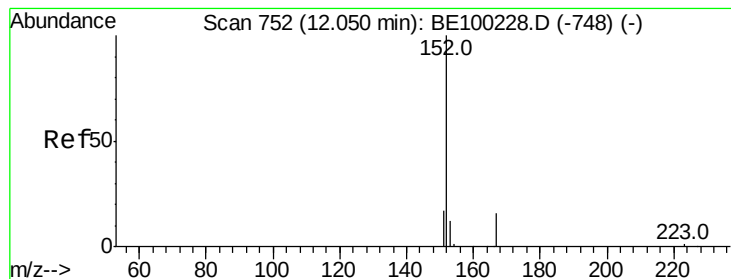


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.437 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

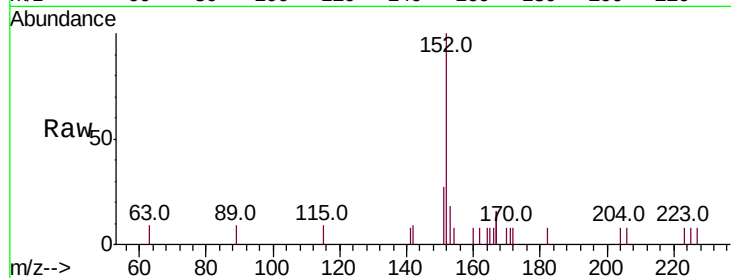
ClientSampleId :

Tot Ion:152 Resp: 1670

Ion Ratio Lower Upper

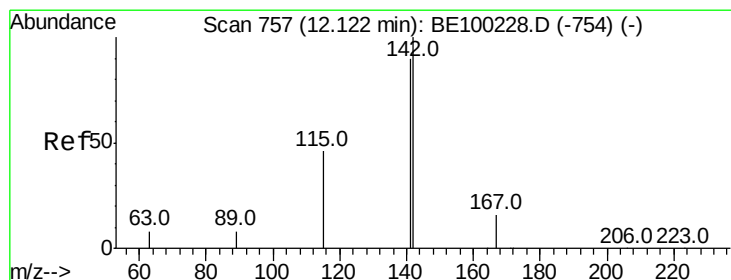
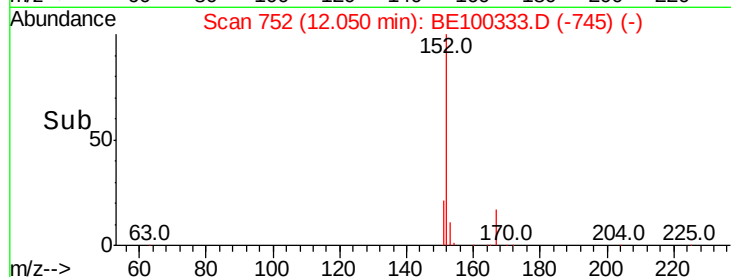
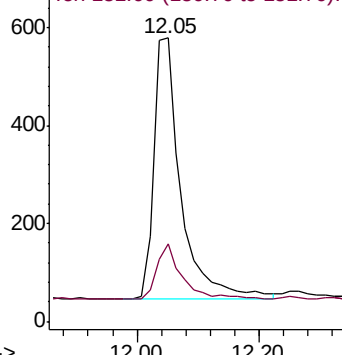
152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

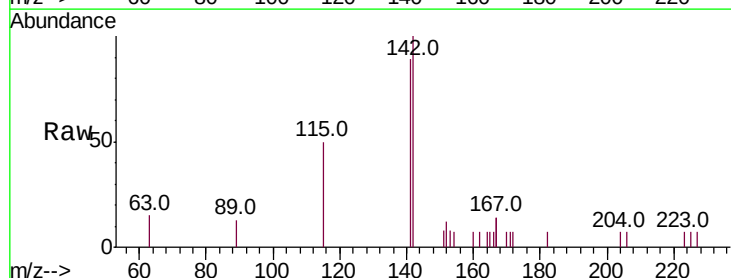
Tgt Ion:142 Resp: 1546

Ion Ratio Lower Upper

142 100

141 89.1 72.4 108.6

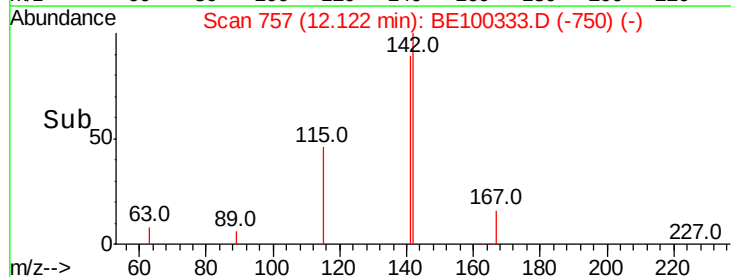
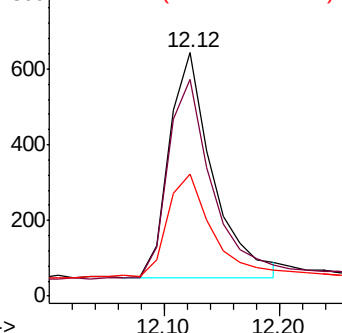
115 50.1 40.4 60.6

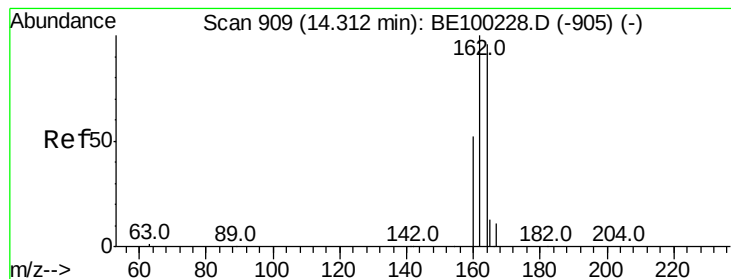


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

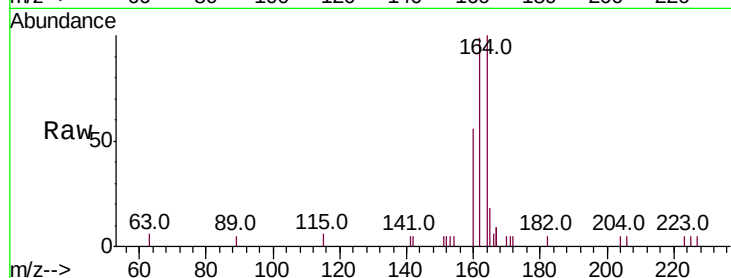
Instrument :

BNA_E

ClientSampleId :

Tot Ion:164 Resp: 1615

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.4	125.0
160	55.8	45.0	67.6

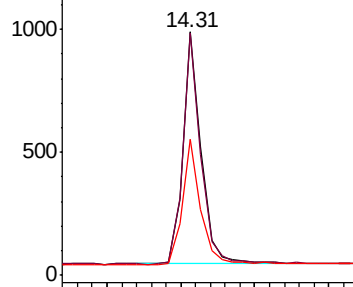


Abundance

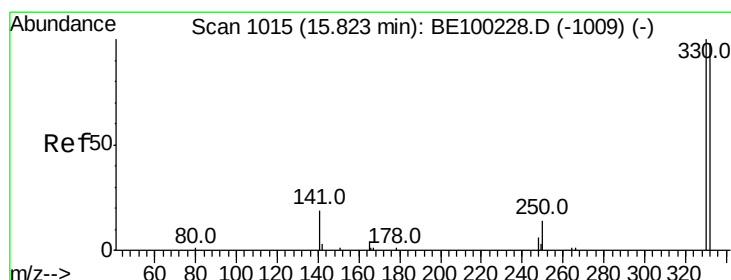
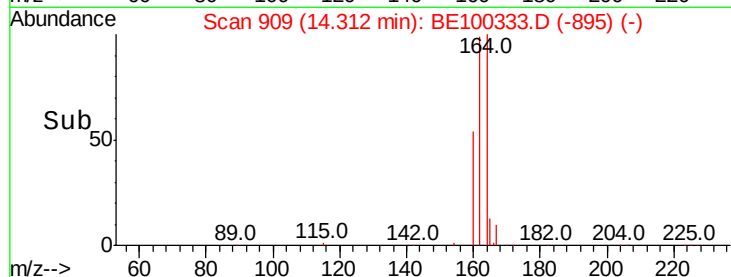
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 15.82 min Scan# 1015

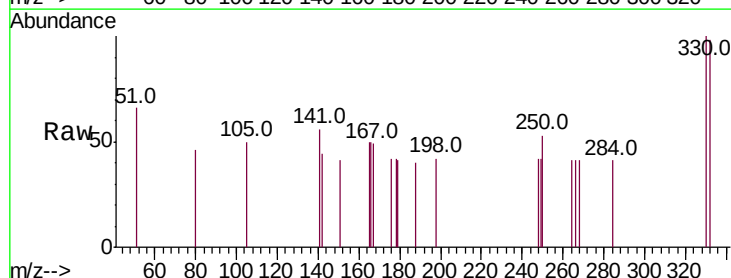
Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Tgt Ion:330 Resp: 309

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.4
141	20.7	22.0	33.0#

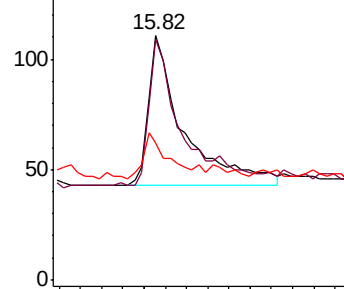


Abundance

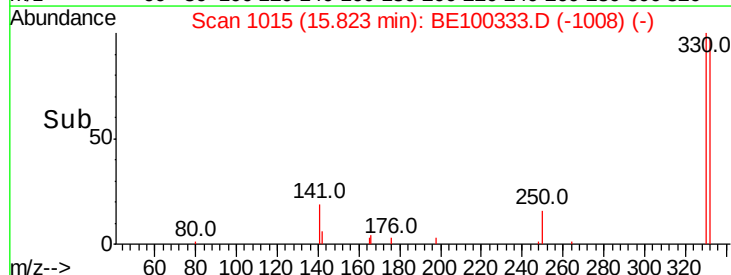
Ion 330.00 (329.70 to 330.70): E

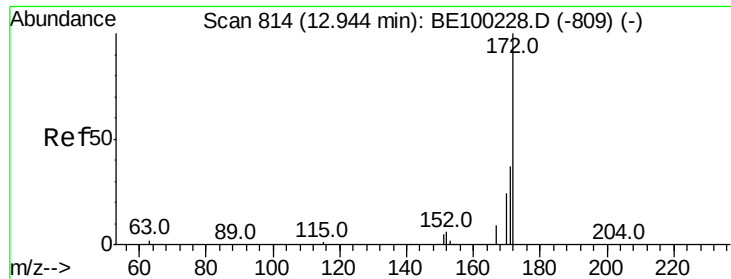
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

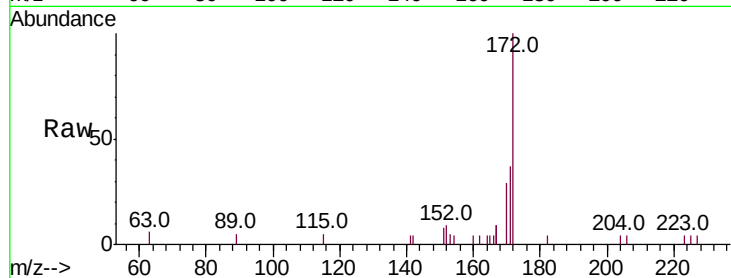




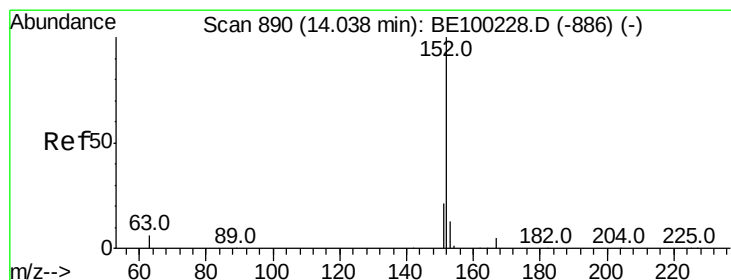
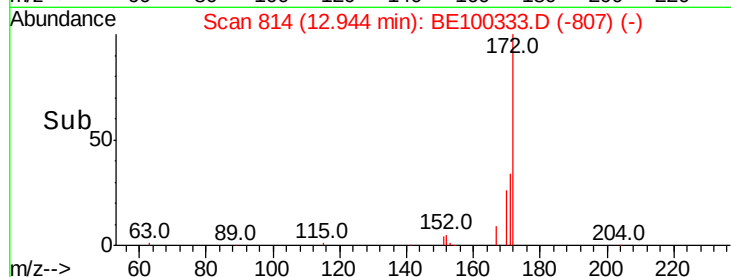
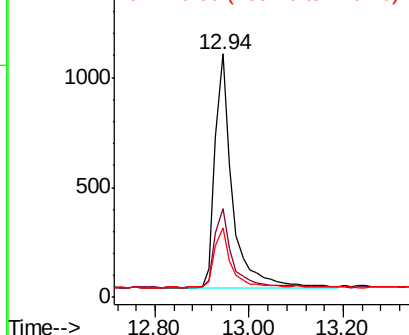
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 2714
Ion Ratio Lower Upper
172 100
171 36.6 31.9 47.9
170 28.7 22.2 33.2

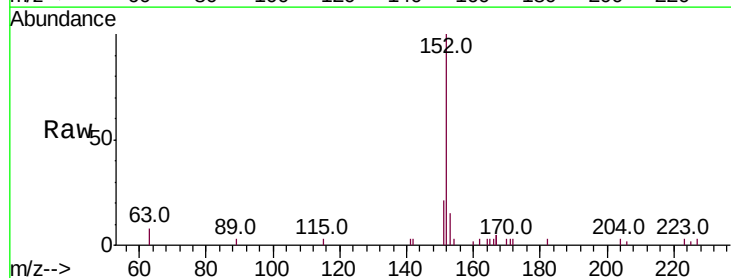


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

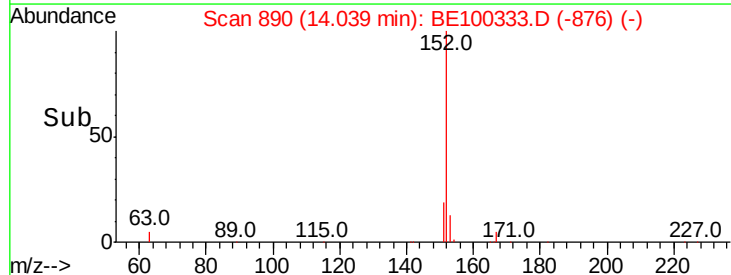
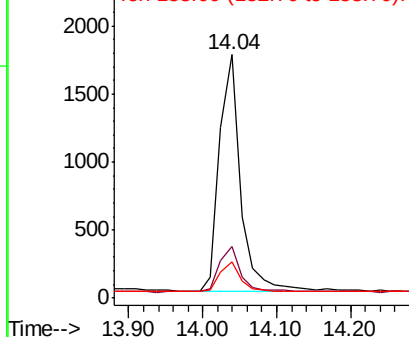


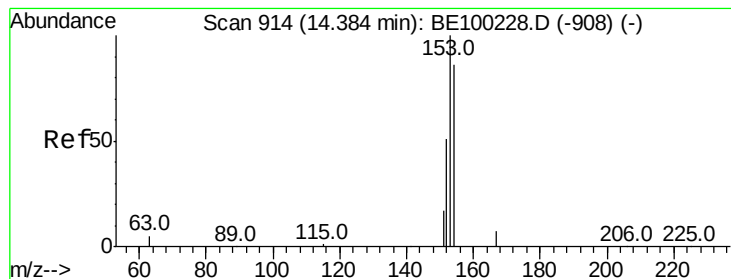
#16
Acenaphthylene
Concen: 0.445 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:152 Resp: 3445
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 12.8 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: 0.451 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

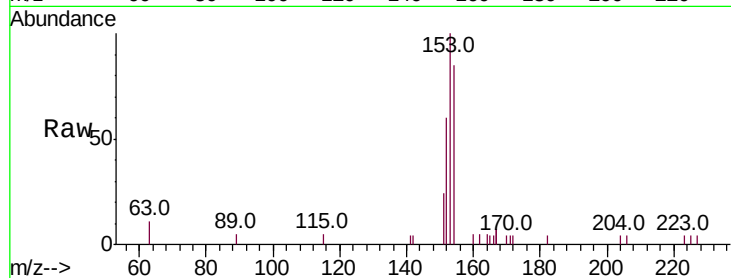
Tot Ion:154 Resp: 1981

Ion Ratio Lower Upper

154 100

153 115.0 93.4 140.2

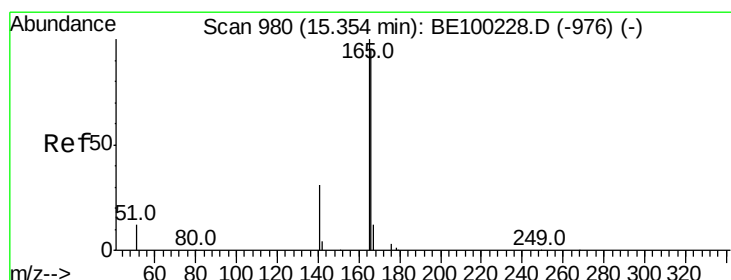
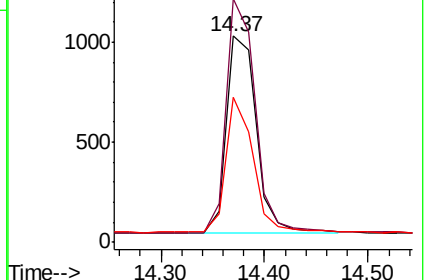
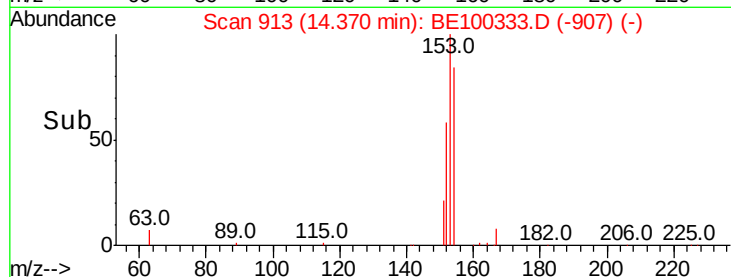
152 62.6 49.4 74.2



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: 0.445 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

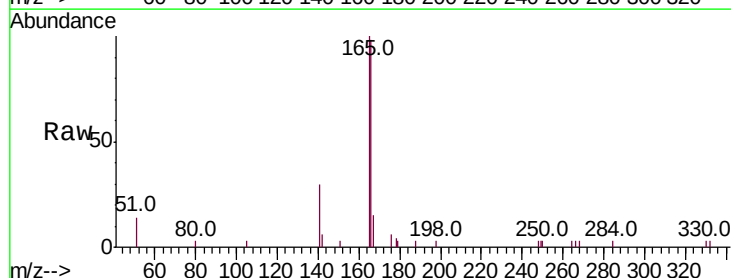
Tgt Ion:166 Resp: 2891

Ion Ratio Lower Upper

166 100

165 99.9 81.1 121.7

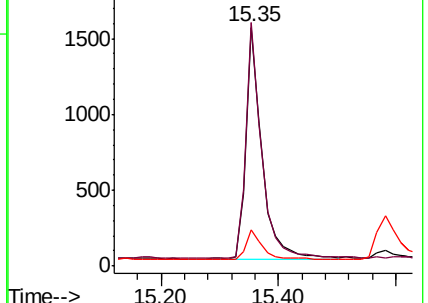
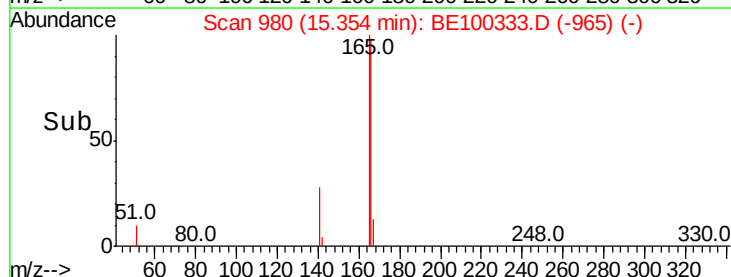
167 12.6 10.7 16.1

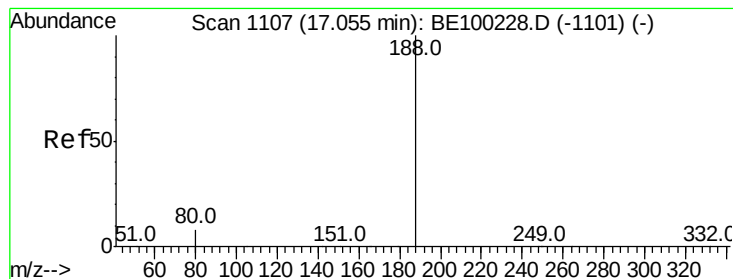


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampled :

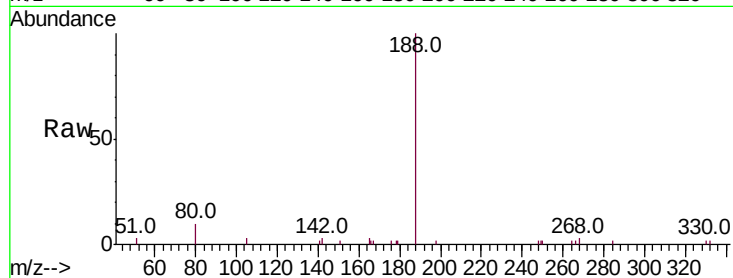
Tot Ion:188 Resp: 4903

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

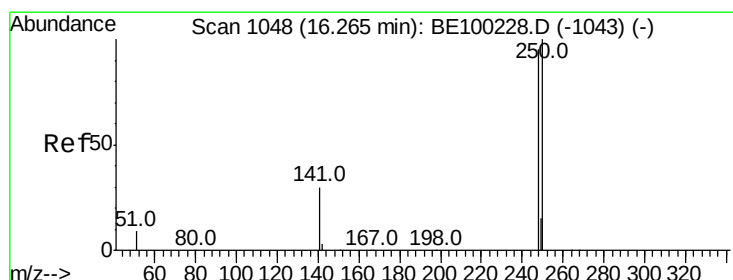
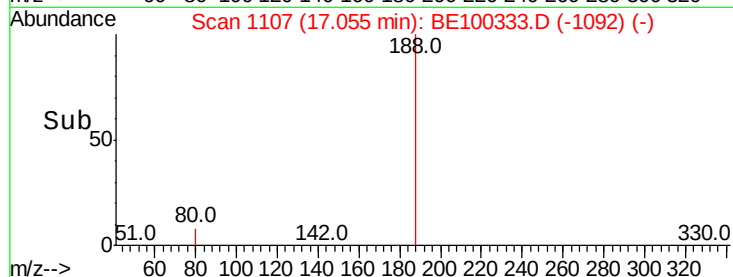
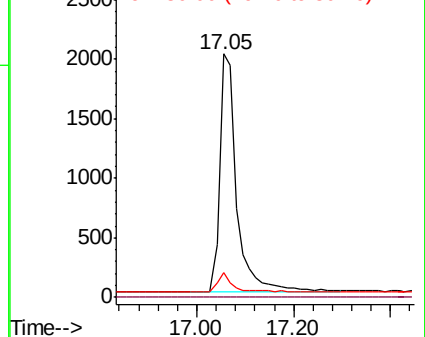
80 9.9 7.6 11.4



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: 0.450 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

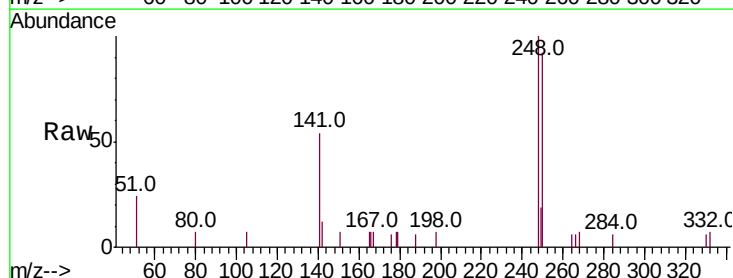
Tgt Ion:248 Resp: 1409

Ion Ratio Lower Upper

248 100

250 92.2 84.2 126.4

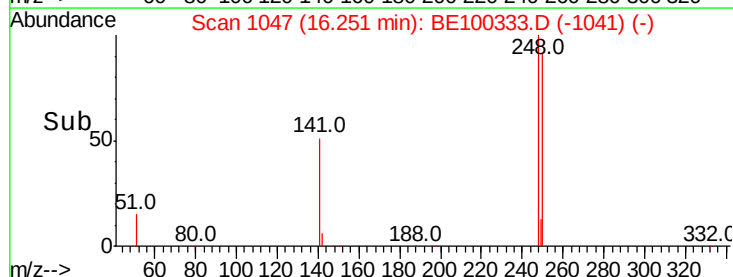
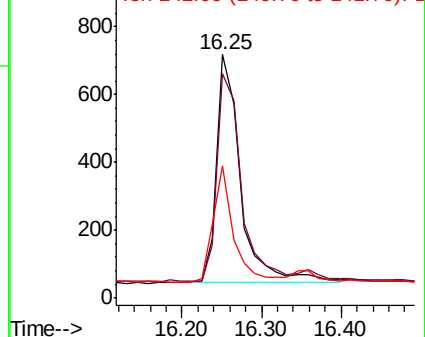
141 54.5 29.3 43.9#

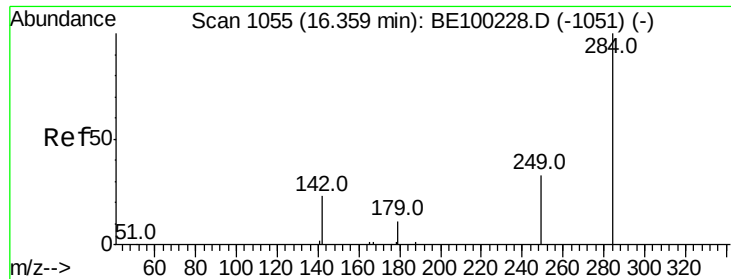


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

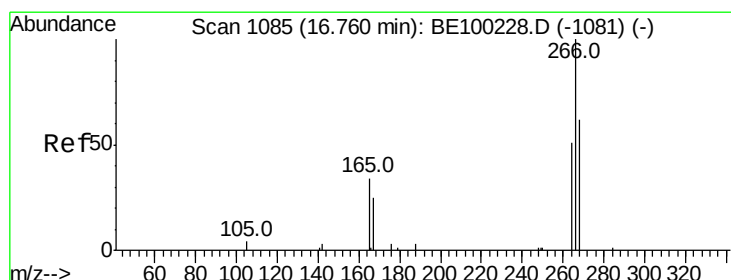
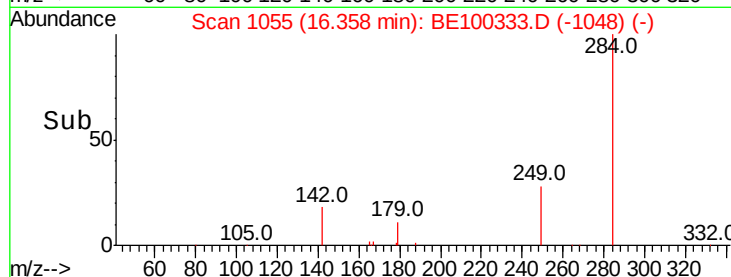
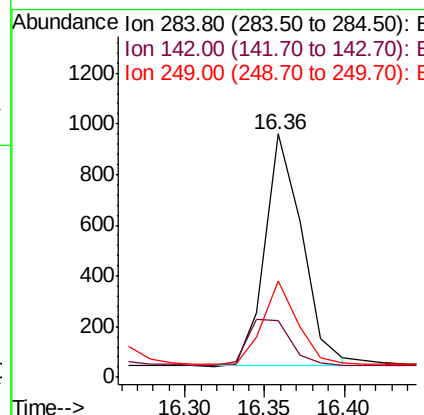
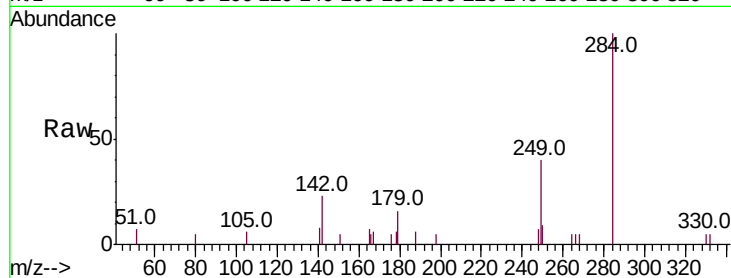




#21
Hexachlorobenzene
Concen: 0.455 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

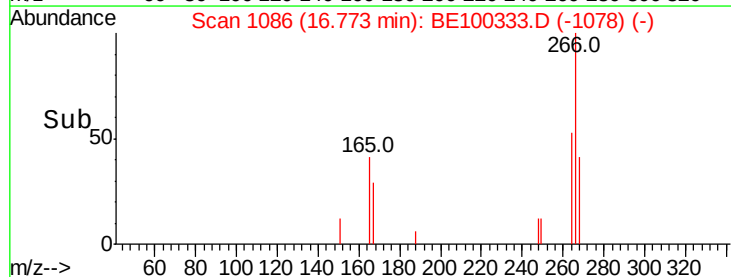
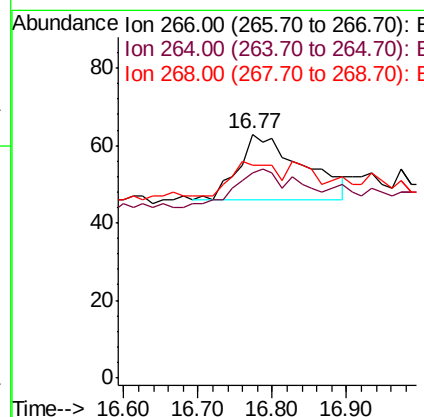
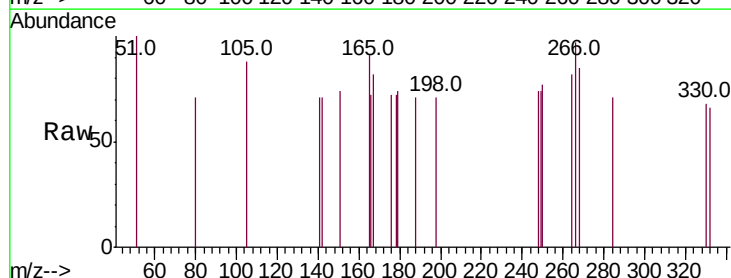
Instrument :
BNA_E
ClientSampleId :

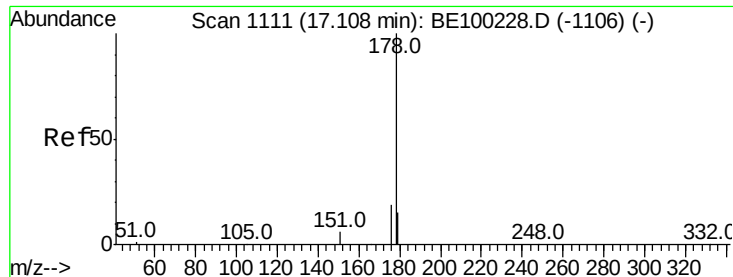
Tot Ion:284 Resp: 1478
Ion Ratio Lower Upper
284 100
142 24.0 18.8 28.2
249 32.6 23.7 35.5



#22
Pentachlorophenol
Concen: 0.104 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:266 Resp: 102
Ion Ratio Lower Upper
266 100
264 84.1 56.2 84.2
268 87.3 61.8 92.6





#23

Phenanthrene

Concen: 0.414 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

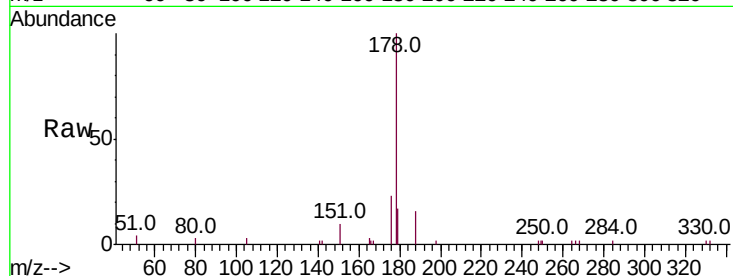
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 4924

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.9	12.2	18.2

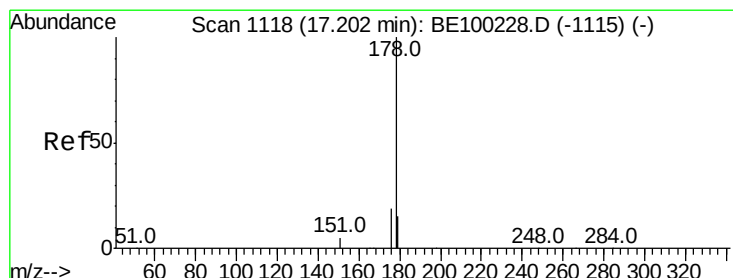
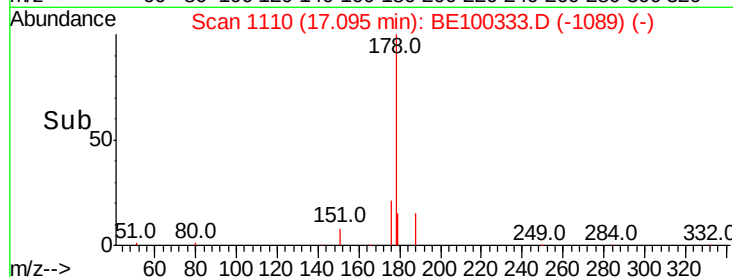
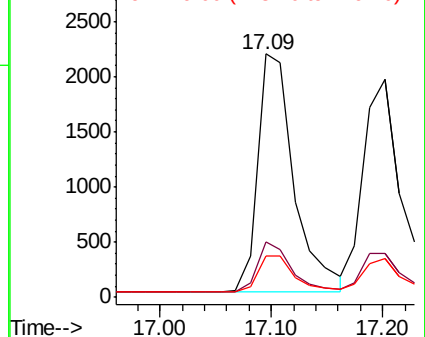


Abundance

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: 0.394 ng

RT: 17.20 min Scan# 1118

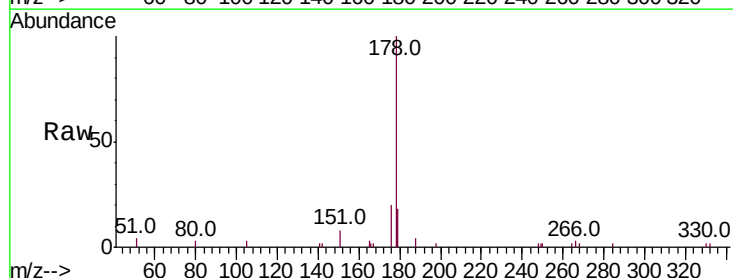
Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Tgt Ion:178 Resp: 4214

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.2	18.2

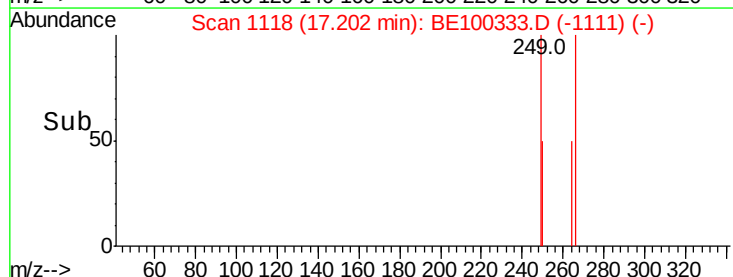
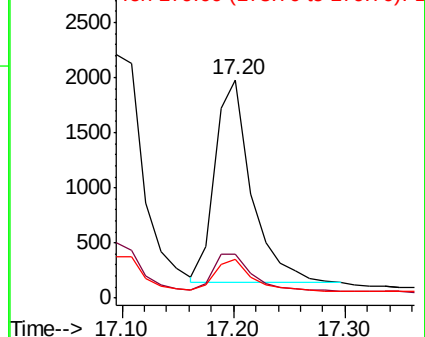


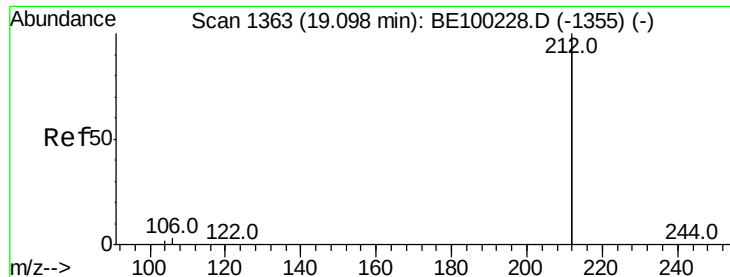
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

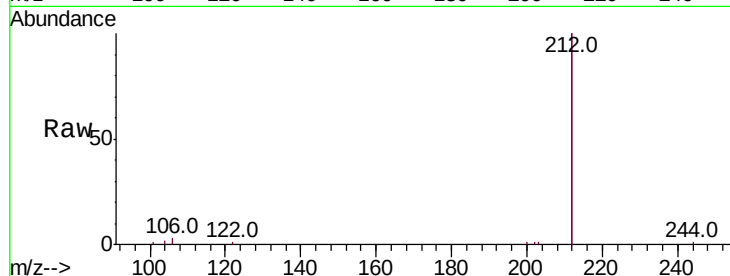
Tot Ion:212 Resp: 28345

Ion Ratio Lower Upper

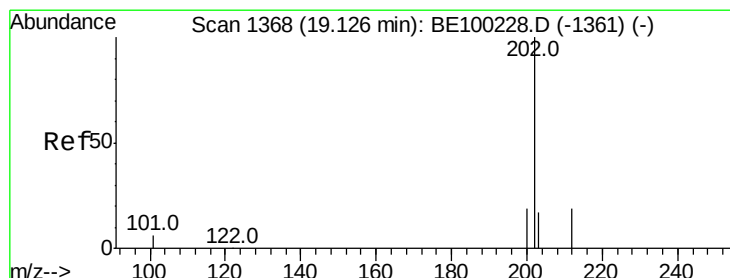
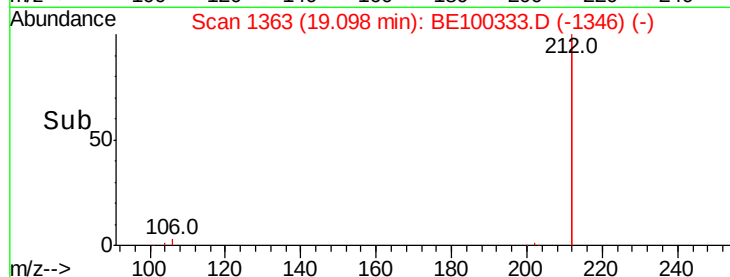
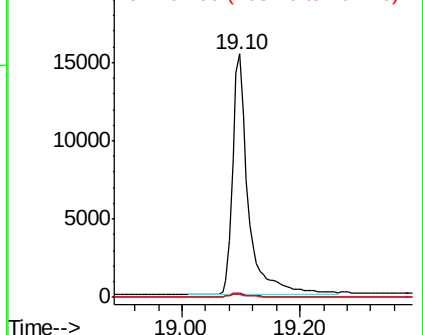
212 100

106 1.6 1.3 1.9

104 0.9 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.423 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

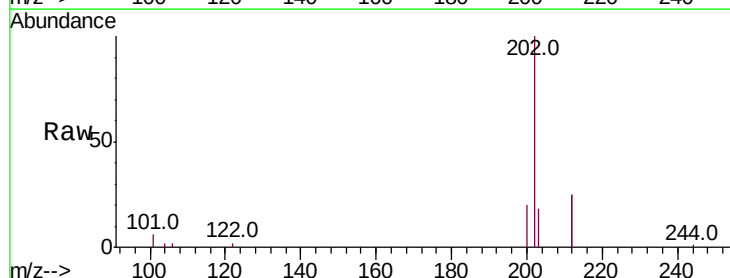
Tgt Ion:202 Resp: 8001

Ion Ratio Lower Upper

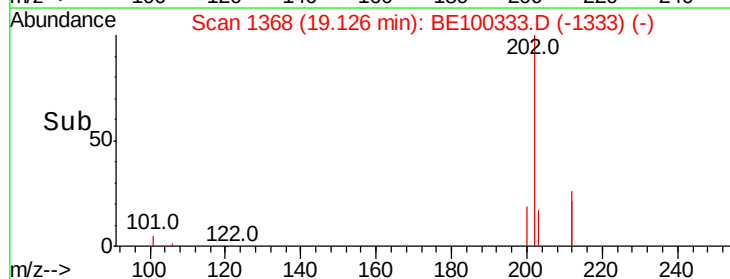
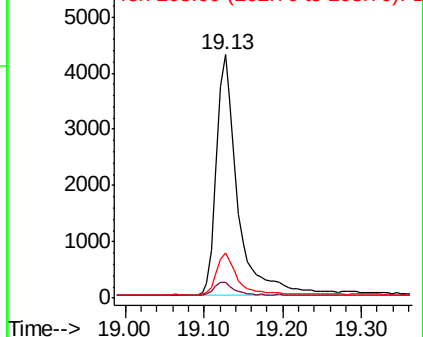
202 100

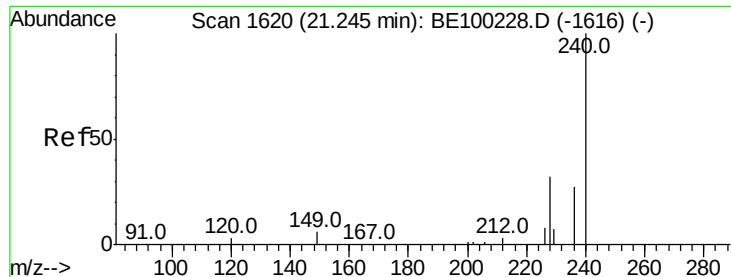
101 5.4 4.6 7.0

203 17.1 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

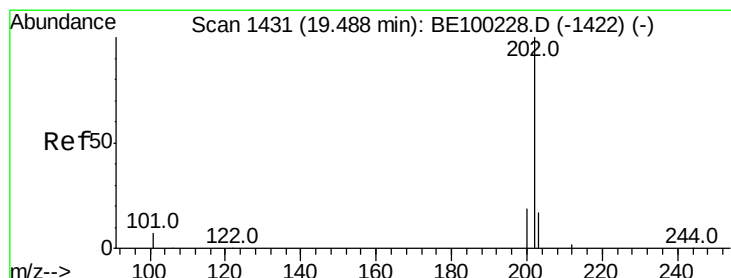
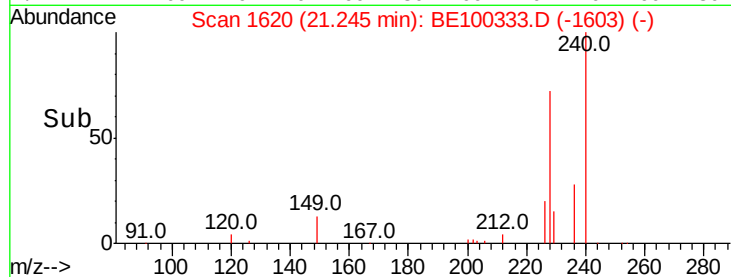
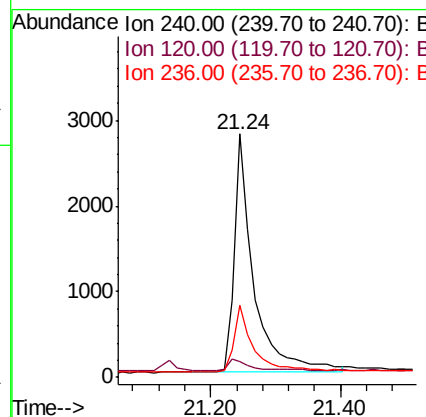
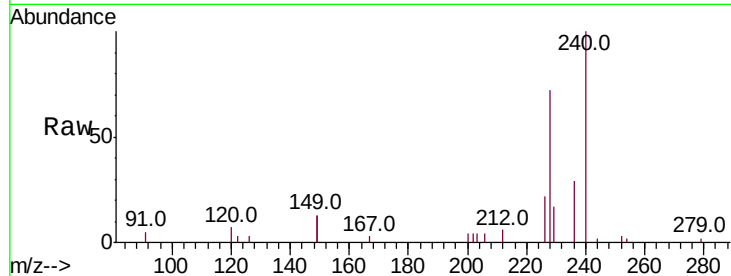




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100333.D
 Acq: 3 Jul 2019 17:50

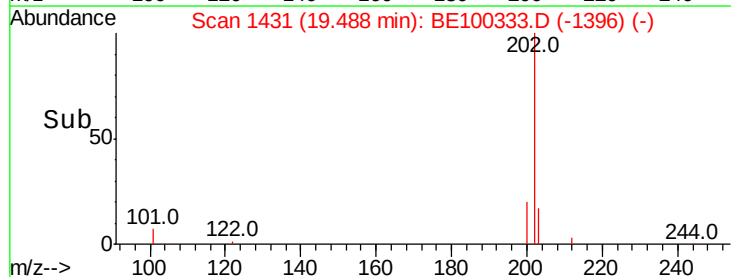
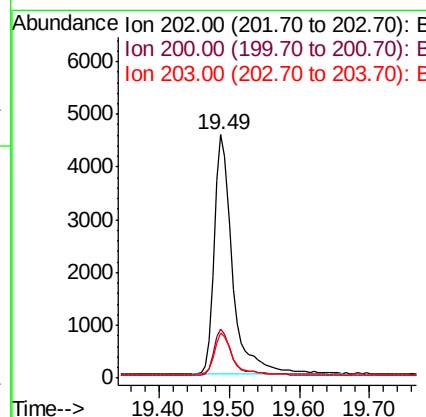
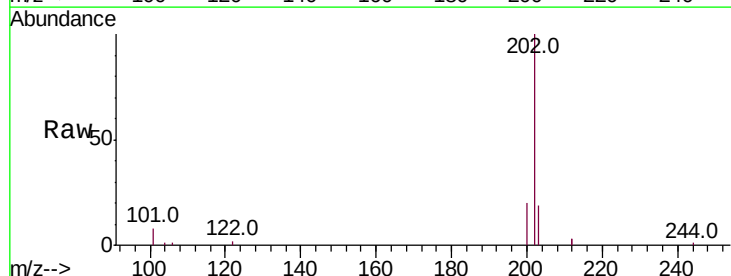
Instrument :
 BNA_E
 ClientSampleId :

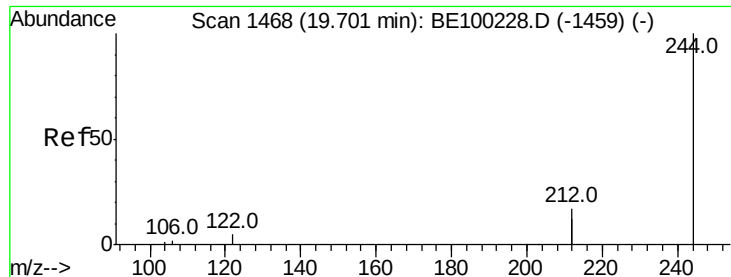
Tot Ion:240 Resp: 5899
 Ion Ratio Lower Upper
 240 100
 120 6.5 3.3 4.9#
 236 29.4 22.6 34.0



#28
 Pyrene
 Concen: 0.532 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100333.D
 Acq: 3 Jul 2019 17:50

Tgt Ion:202 Resp: 8311
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.6 23.4
 203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 0.544 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

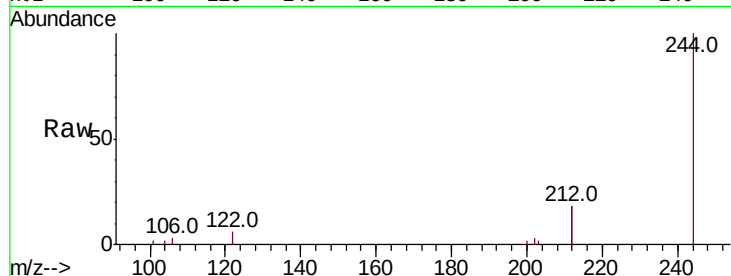
Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :



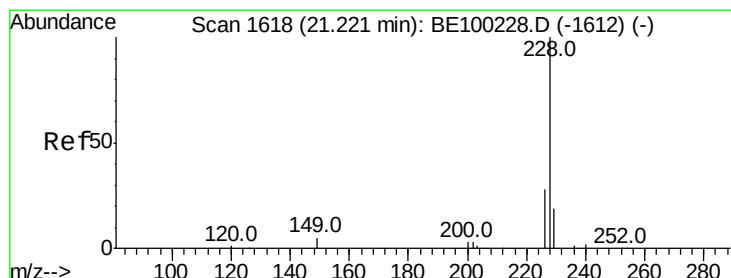
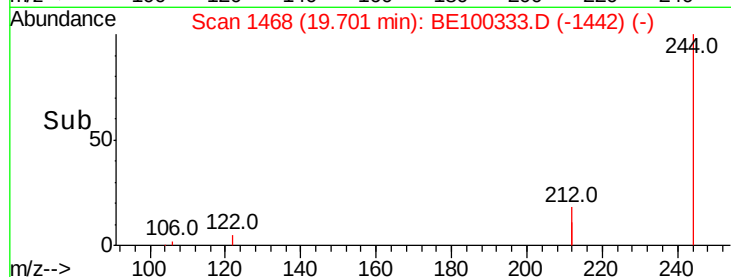
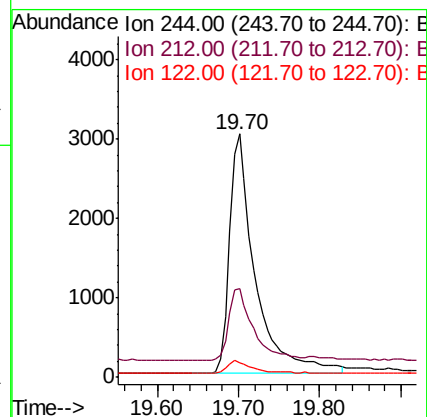
Tot Ion:244 Resp: 6649

Ion Ratio Lower Upper

244 100

212 36.3 27.3 40.9

122 6.2 4.7 7.1



#30

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

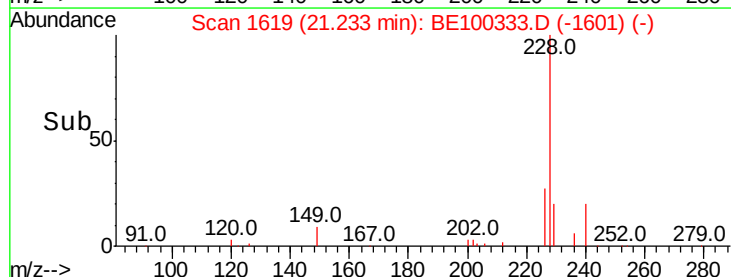
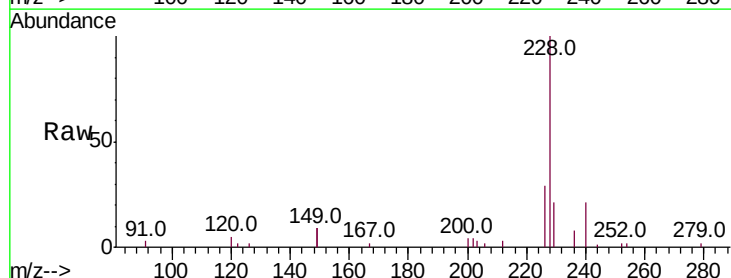
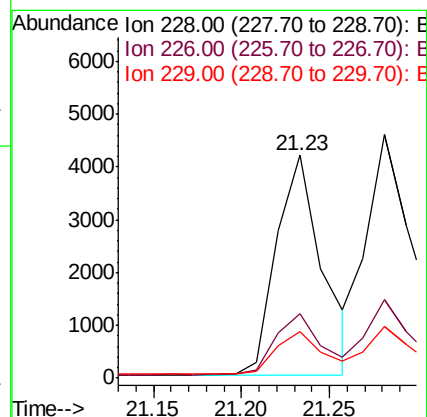
Tgt Ion:228 Resp: 7519

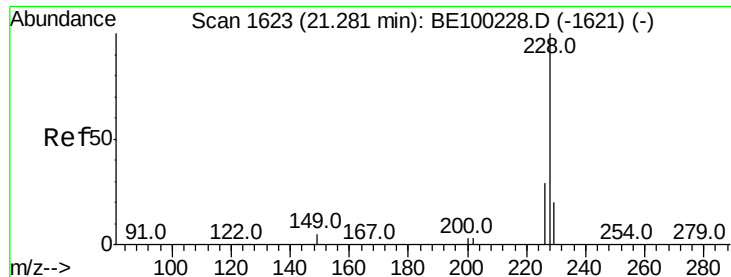
Ion Ratio Lower Upper

228 100

226 28.6 23.2 34.8

229 21.1 15.7 23.5





#31

Chrysene

Concen: 0.437 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

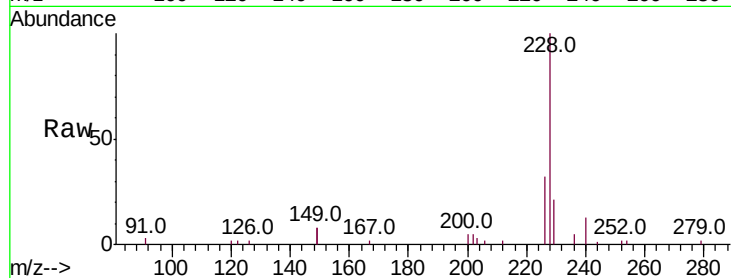
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8517

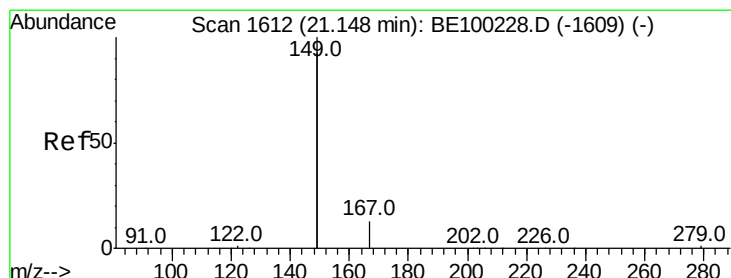
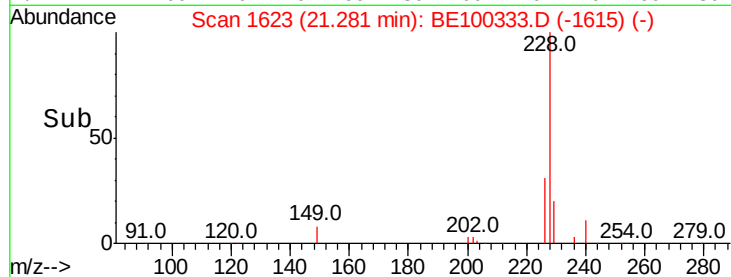
Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.9	35.9
229	21.1	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.464 ng

RT: 21.15 min Scan# 1612

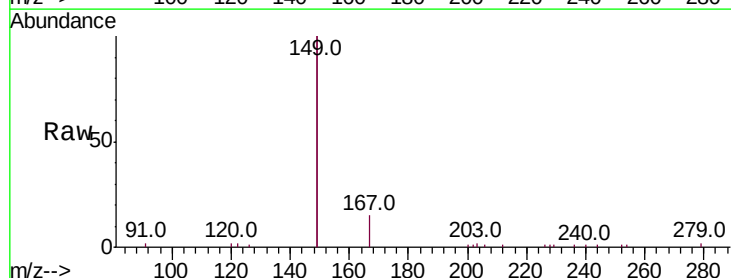
Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Tgt Ion:149 Resp: 14303

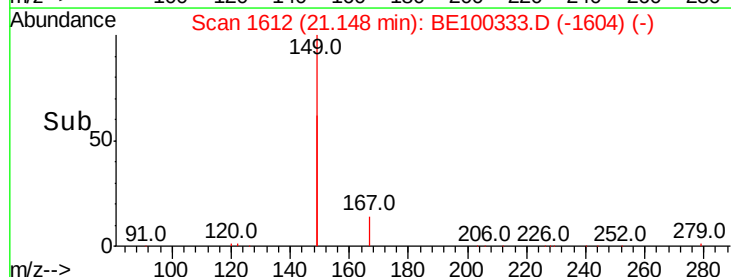
Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.5	1.1	1.7

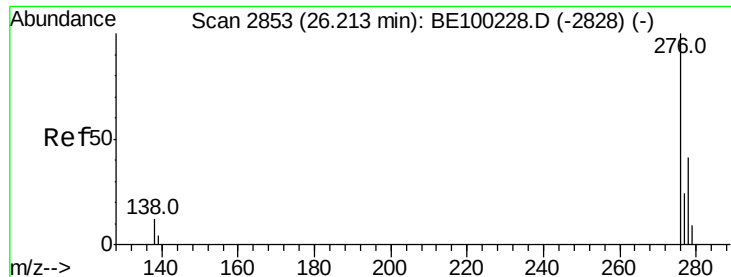


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

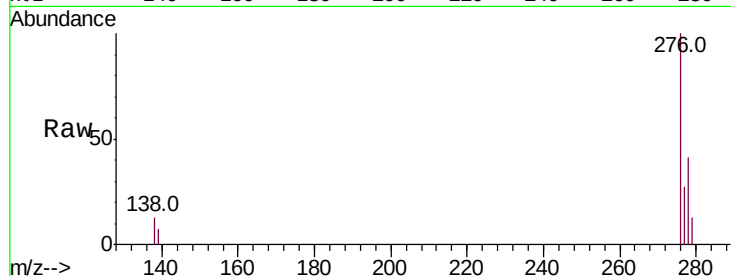
Tot Ion:276 Resp: 9666

Ion Ratio Lower Upper

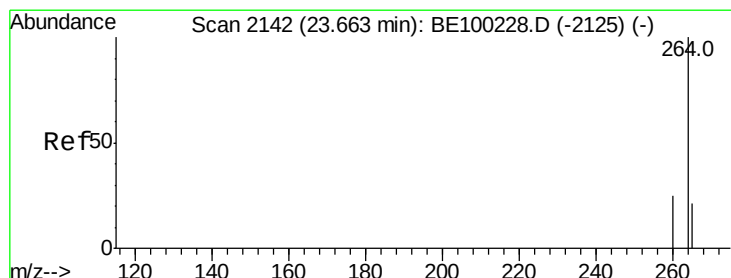
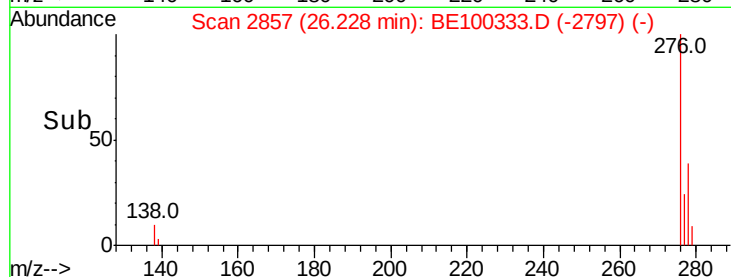
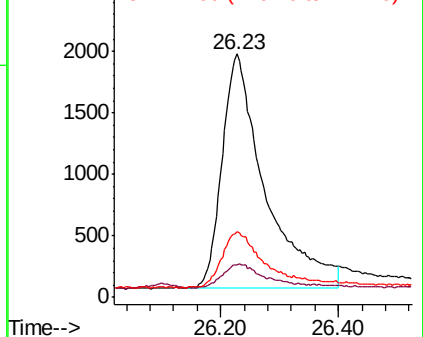
276 100

138 10.2 9.4 14.0

277 22.5 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

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

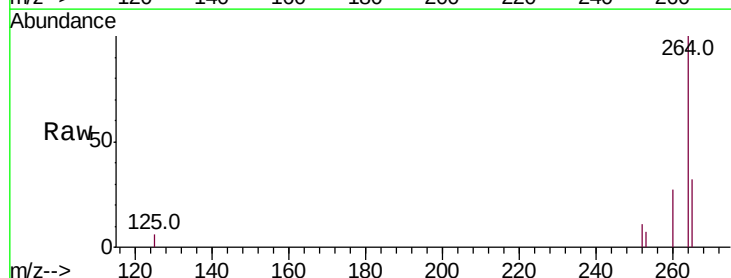
Tgt Ion:264 Resp: 6724

Ion Ratio Lower Upper

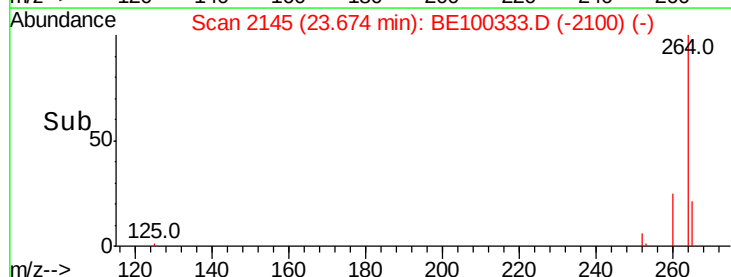
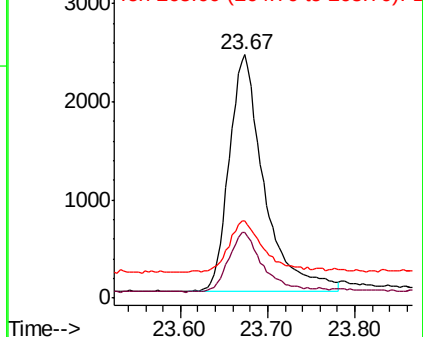
264 100

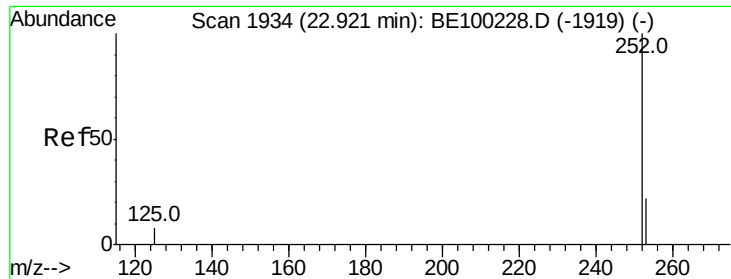
260 26.8 20.8 31.2

265 31.6 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

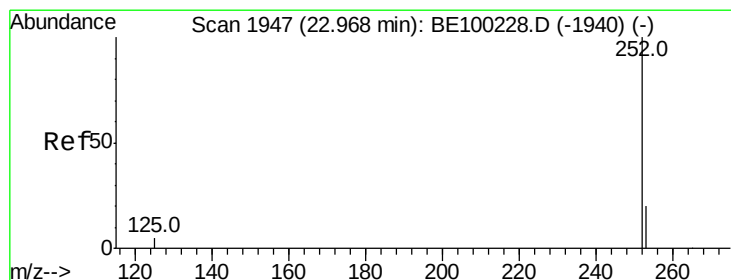
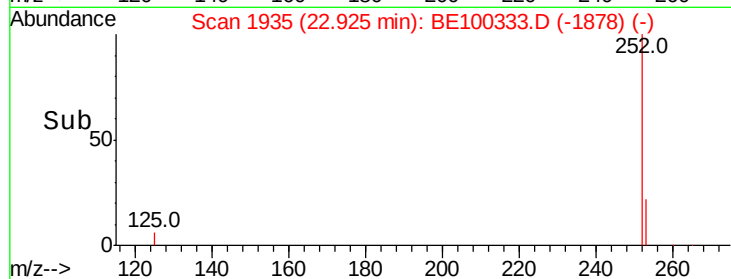
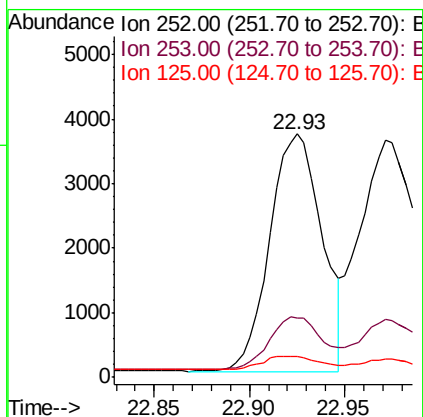
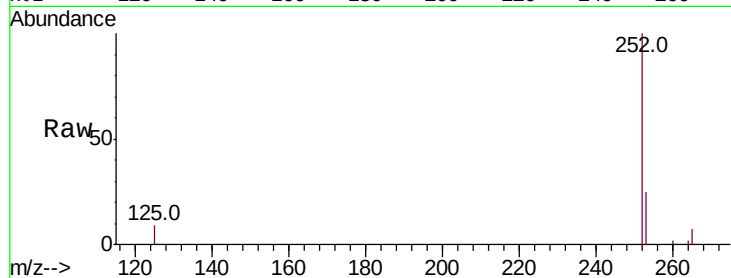




#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

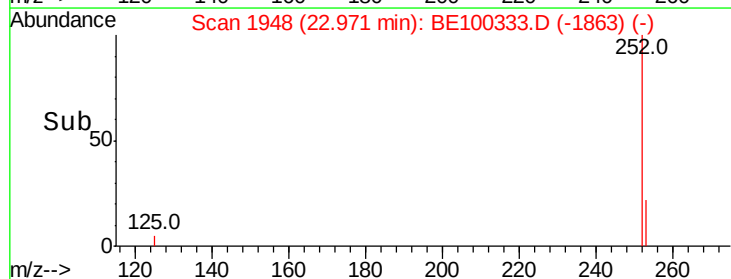
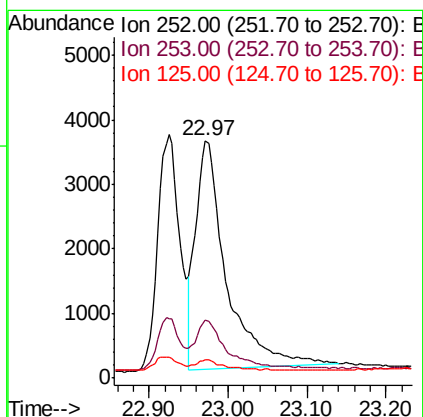
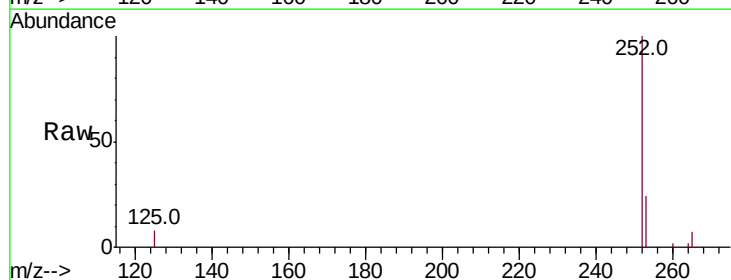
Instrument :
BNA_E
ClientSampleId :

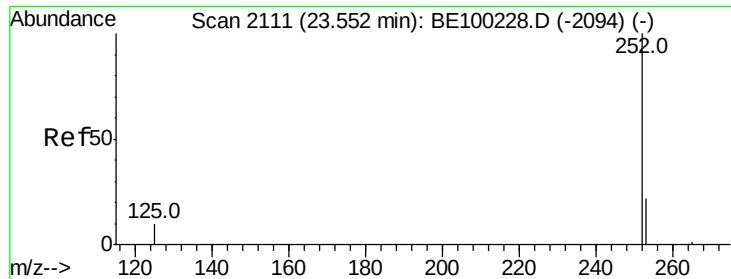
Tot Ion:252 Resp: 7026
Ion Ratio Lower Upper
252 100
253 24.5 19.2 28.8
125 8.6 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.470 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:252 Resp: 9560
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 7.8 5.0 7.4#

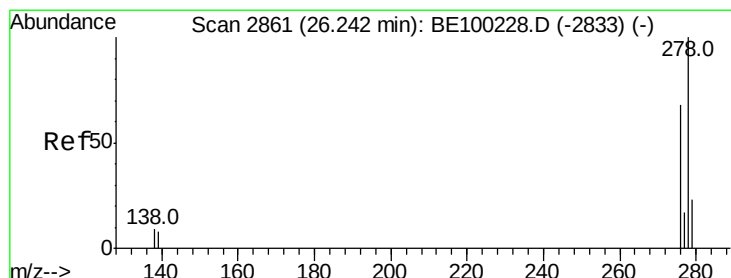
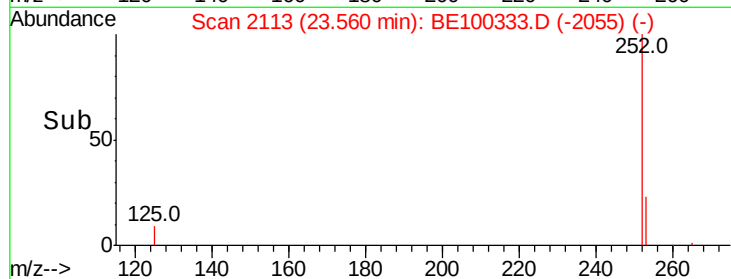
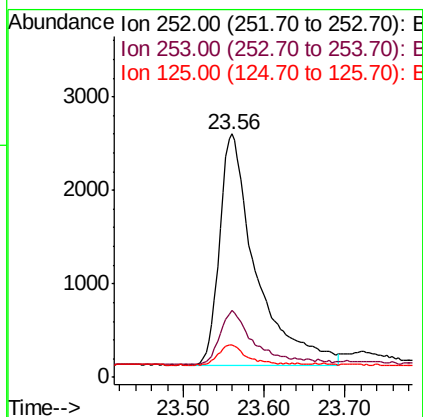
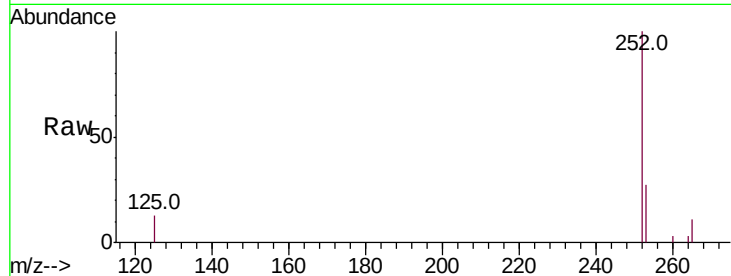




#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

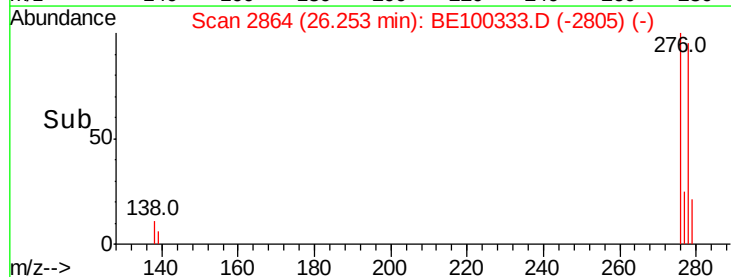
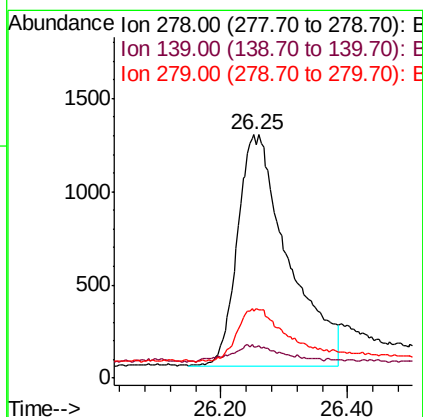
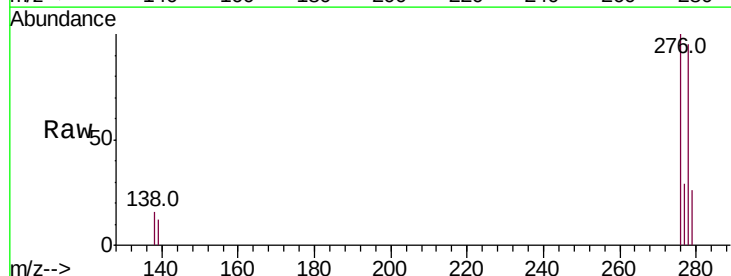
Instrument :
BNA_E
ClientSampleId :

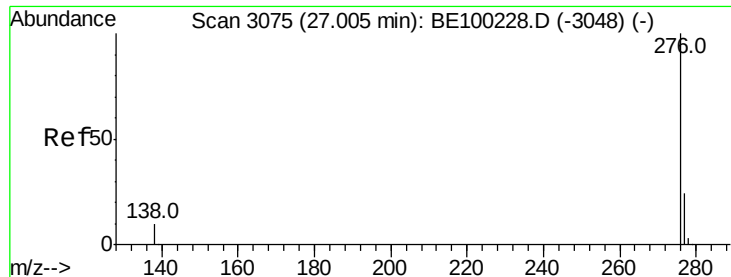
Tot Ion:252 Resp: 7763
Ion Ratio Lower Upper
252 100
253 27.3 19.6 29.4
125 13.4 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:278 Resp: 6903
Ion Ratio Lower Upper
278 100
139 12.8 8.2 12.2#
279 27.3 20.3 30.5





#39

Benzo(a,h,i)perylene

Concen: 0.444 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

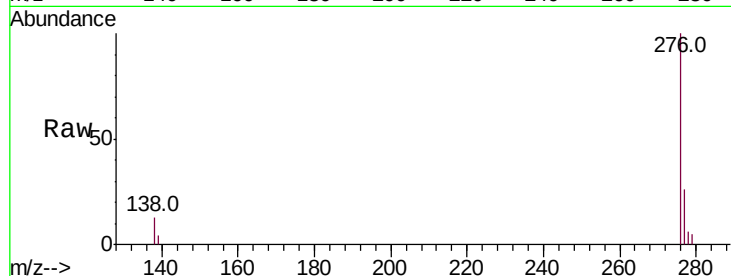
Tot Ion:276 Resp: 8700

Ion Ratio Lower Upper

276 100

277 26.3 20.2 30.2

138 13.0 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

