

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092619\
 Data File : BE100569.D
 Acq On : 26 Sep 2019 16:00
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 18:24:19 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	7.86	152	6679	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	31151	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	15875	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	30551	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31634	0.40	ng	0.00
34) Perylene-d12	23.84	264	36791	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	8403	0.54	ng	0.02
5) Phenol-d6	7.03	99	11052	0.52	ng	0.00
8) Nitrobenzene-d5	9.00	82	9301	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	17606	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1490	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	22873	0.40	ng	0.00
25) Fluoranthene-d10	19.23	212	136241	0.37	ng	0.00
29) Terphenyl-d14	19.82	244	31575	0.42	ng	0.00

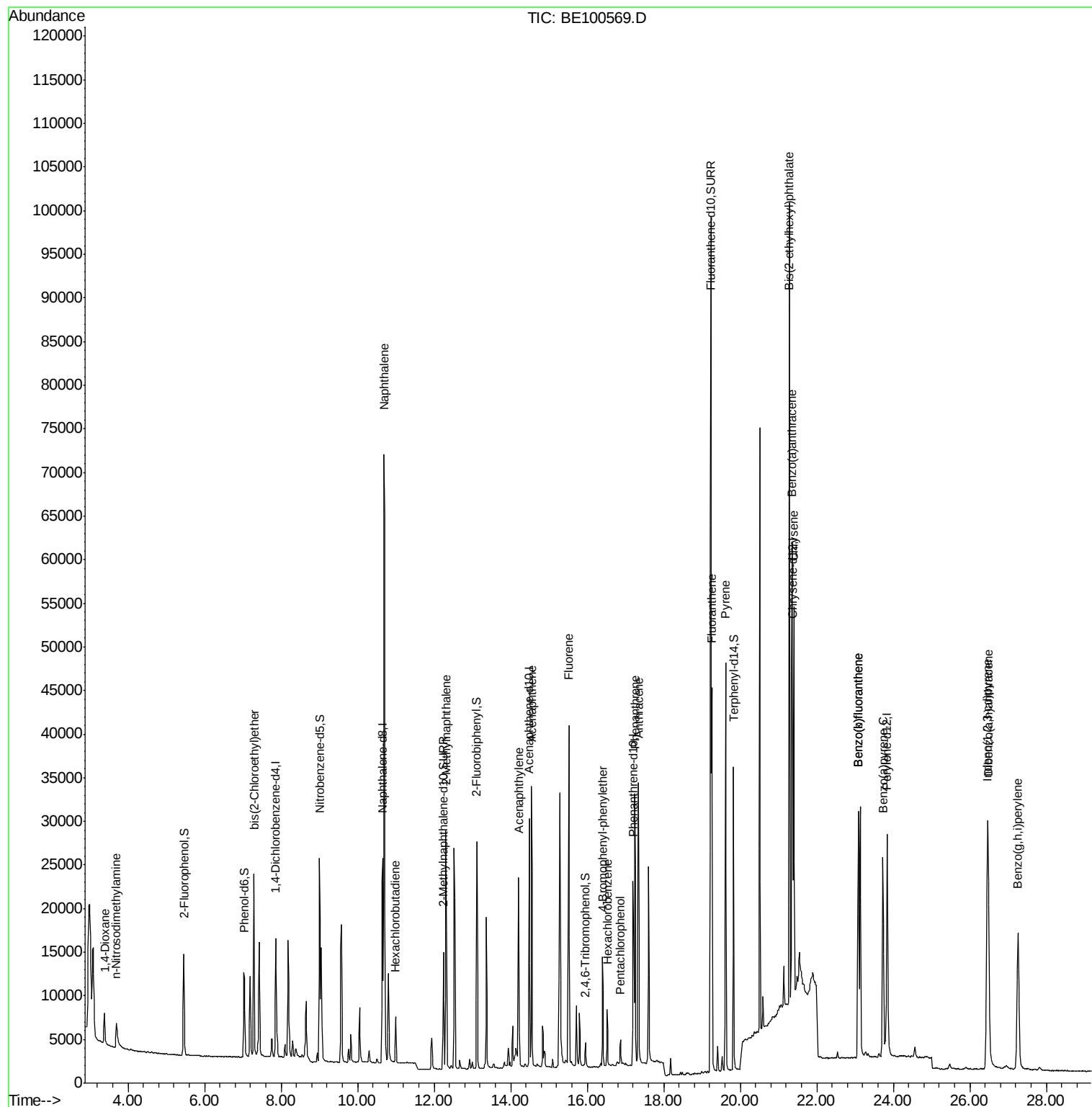
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	3223	0.334	ng	# 87
3) n-Nitrosodimethylamine	3.69	42	2482	0.439	ng	99
6) bis(2-Chloroethyl)ether	7.29	93	8879	0.410	ng	85
9) Naphthalene	10.69	128	125099	0.387	ng	100
10) Hexachlorobutadiene	10.99	225	3919	0.379	ng	99
12) 2-Methylnaphthalene	12.31	142	20085	0.391	ng	99
16) Acenaphthylene	14.21	152	30980	0.474	ng	100
17) Acenaphthene	14.54	154	18058	0.409	ng	96
18) Fluorene	15.51	166	22255	0.403	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6052	0.422	ng	94
21) Hexachlorobenzene	16.52	284	4803	0.384	ng	99
22) Pentachlorophenol	16.87	266	1726	0.732	ng	93
23) Phenanthrene	17.24	178	35308	0.415	ng	100
24) Anthracene	17.34	178	33412	0.466	ng	99
26) Fluoranthene	19.26	202	38951	0.379	ng	99
28) Pyrene	19.62	202	41246	0.453	ng	99
30) Benzo(a)anthracene	21.35	228	39905	0.472	ng	93
31) Chrysene	21.40	228	37638	0.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	109261	1.200	ng	100
33) Indeno(1,2,3-cd)pyrene	26.46	276	47436	0.443	ng	98
35) Benzo(b)fluoranthene	23.08	252	40512	0.407	ng	# 97
36) Benzo(k)fluoranthene	23.08	252	40512	0.352	ng	97
37) Benzo(a)pyrene	23.73	252	38016	0.409	ng	# 96
38) Dibenzo(a,h)anthracene	26.48	278	38944	0.403	ng	97
39) Benzo(g,h,i)perylene	27.26	276	39355	0.390	ng	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092619\
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Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 18:24:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

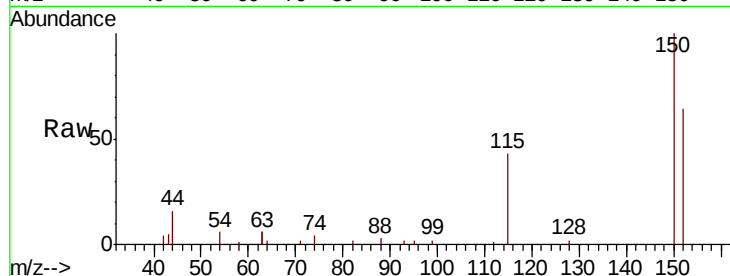
Tot Ion:152 Resp: 6679

Ion Ratio Lower Upper

152 100

150 156.5 121.6 182.4

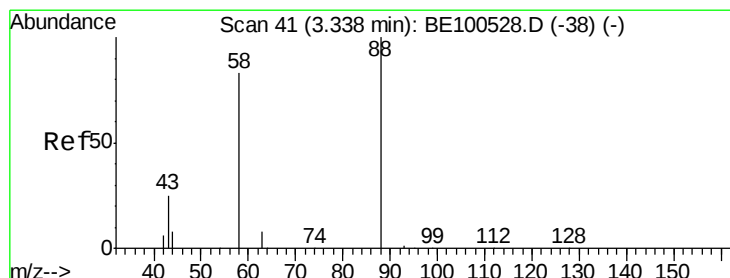
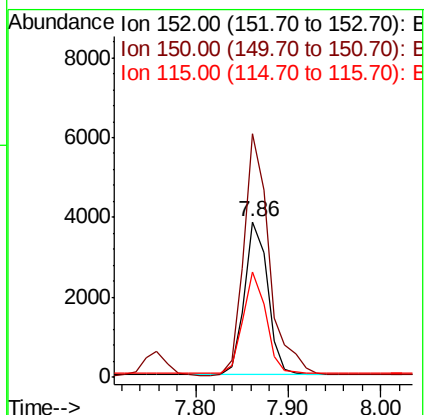
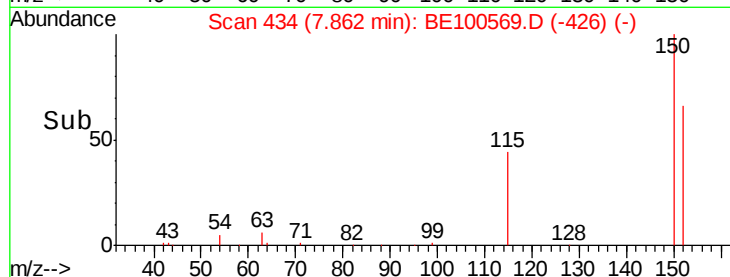
115 68.0 48.2 72.4



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: 0.334 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.04 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

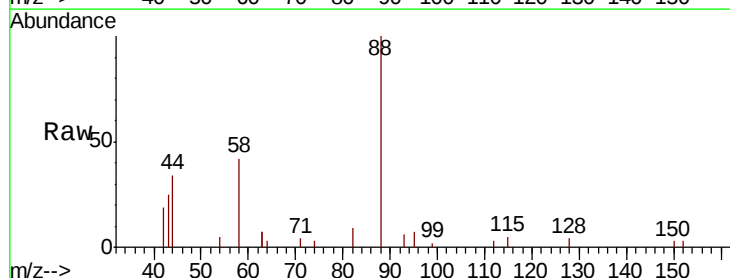
Tgt Ion: 88 Resp: 3223

Ion Ratio Lower Upper

88 100

58 77.1 53.3 79.9

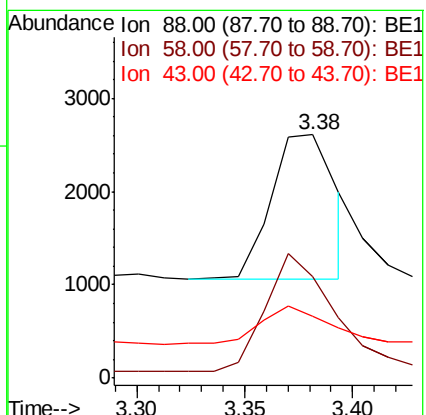
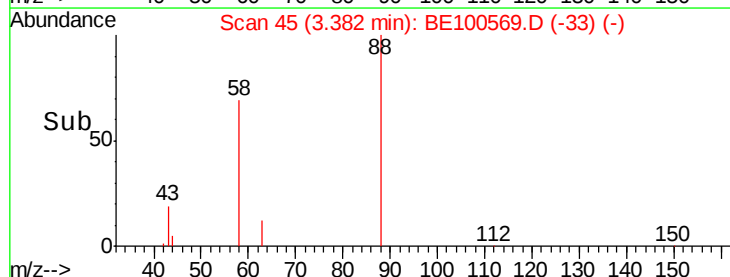
43 26.4 16.9 25.3#

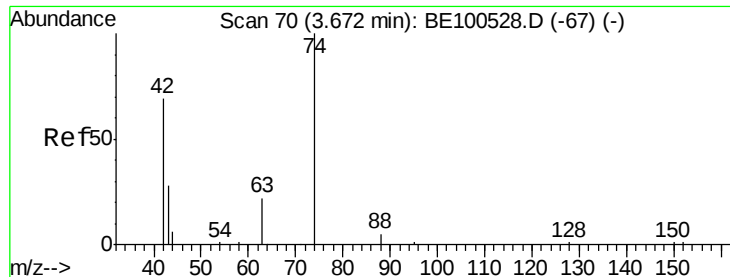


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.439 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.02 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

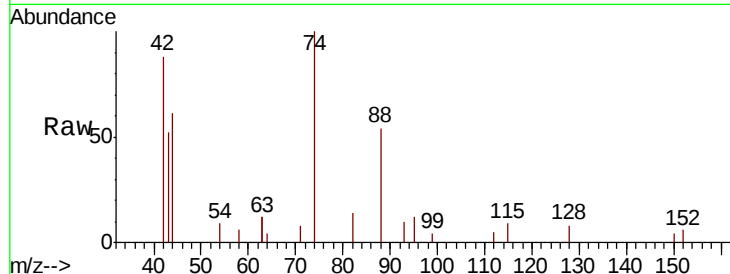
Tot Ion: 42 Resp: 2482

Ion Ratio Lower Upper

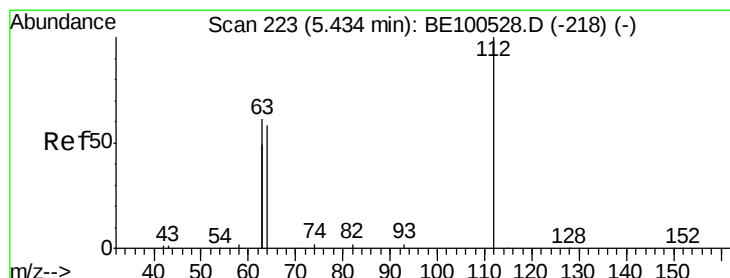
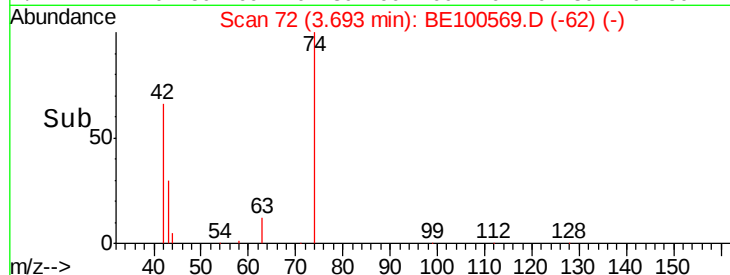
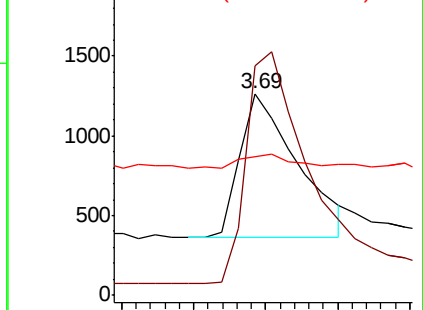
42 100

74 165.9 133.8 200.6

44 9.4 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: 0.537 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.02 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

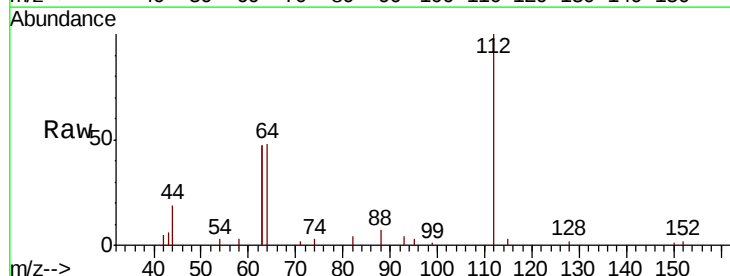
Tgt Ion: 112 Resp: 8403

Ion Ratio Lower Upper

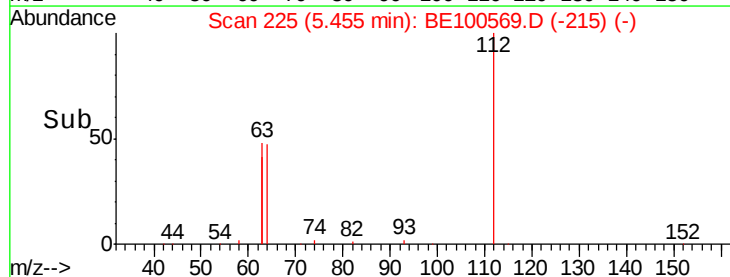
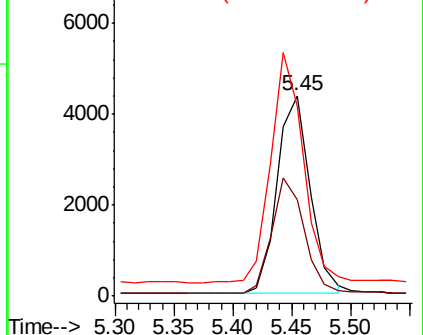
112 100

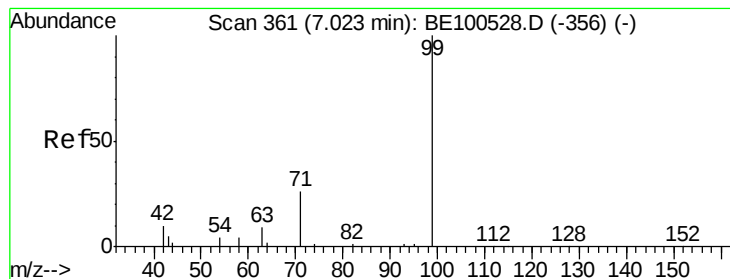
64 57.5 44.1 66.1

63 114.4 86.5 129.7



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





#5

Phenol-d6

Concen: 0.516 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

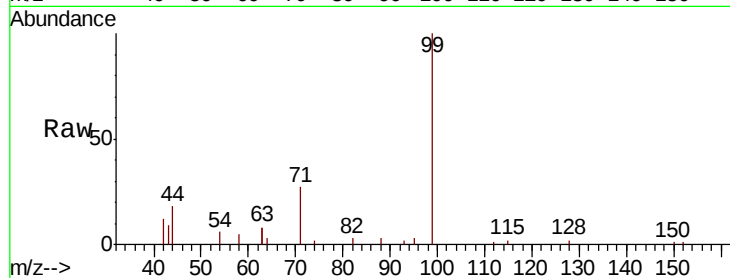
Tot Ion: 99 Resp: 11052

Ion Ratio Lower Upper

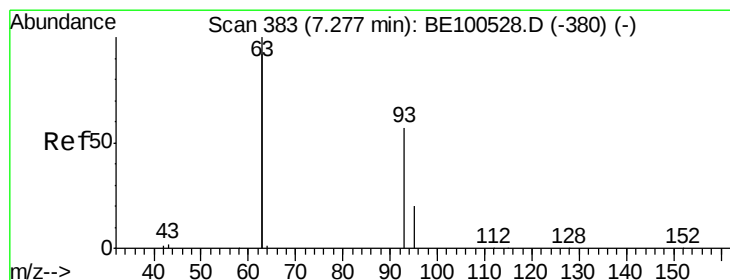
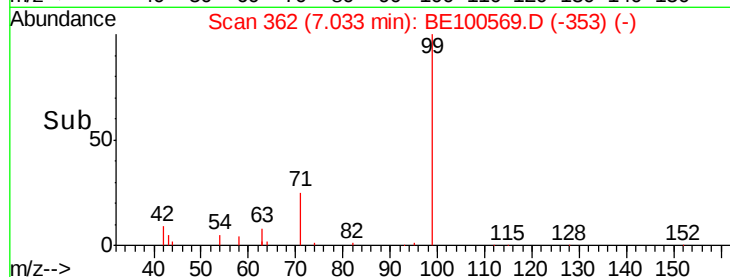
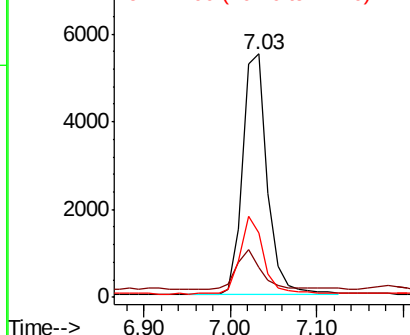
99 100

42 15.4 13.0 19.6

71 30.2 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: 0.410 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

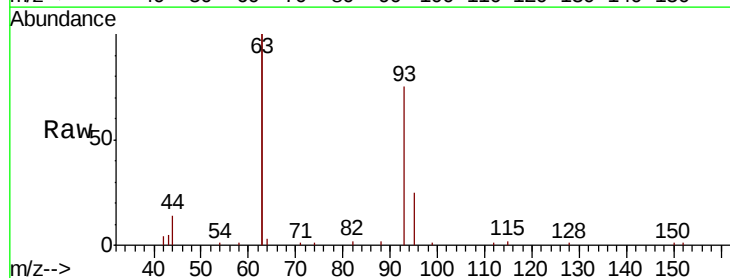
Tgt Ion: 93 Resp: 8879

Ion Ratio Lower Upper

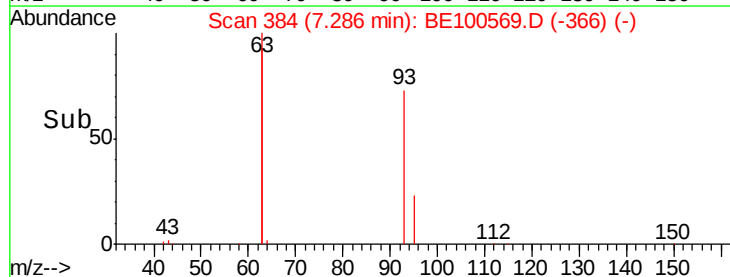
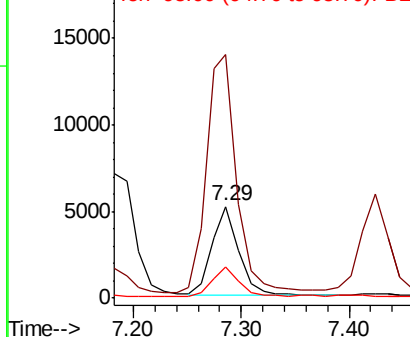
93 100

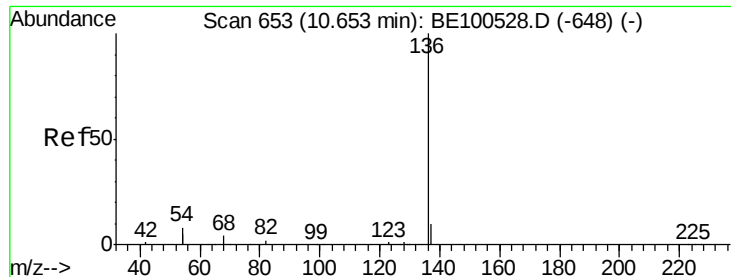
63 295.1 213.4 320.0

95 32.1 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: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 31151

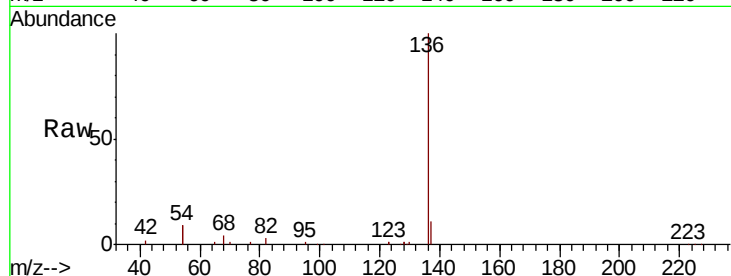
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 17.4 12.4 18.6

68 4.5 3.3 4.9

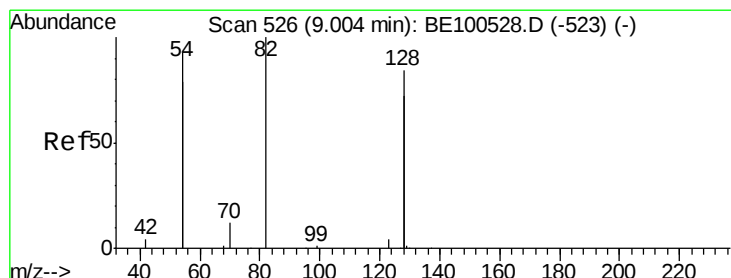
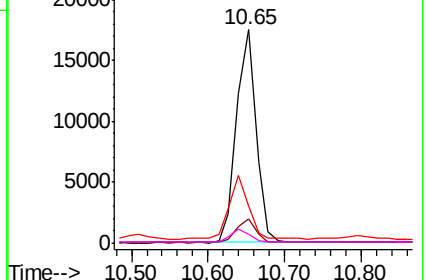
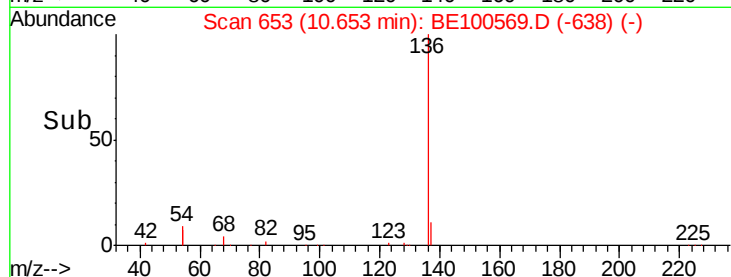


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.518 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

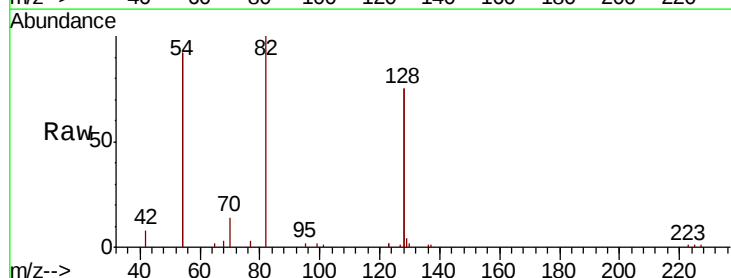
Tgt Ion: 82 Resp: 9301

Ion Ratio Lower Upper

82 100

128 149.2 129.4 194.2

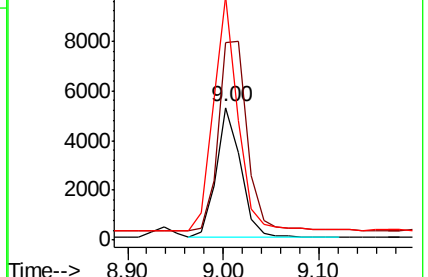
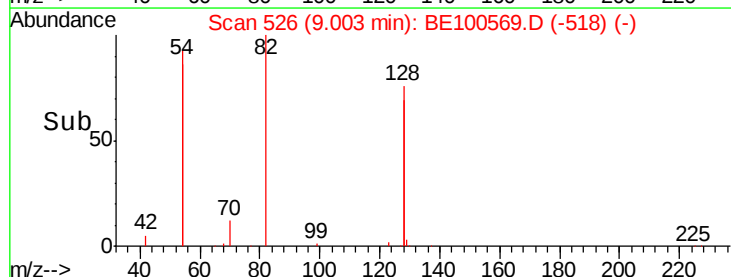
54 183.4 143.3 214.9

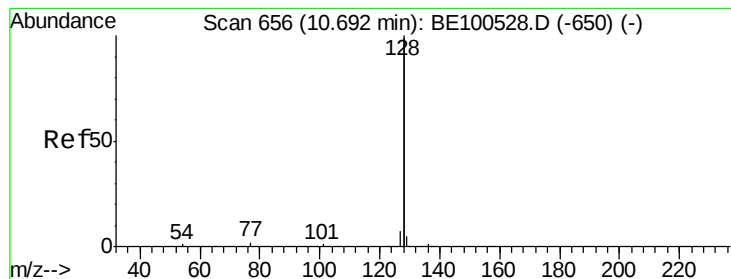


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.387 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

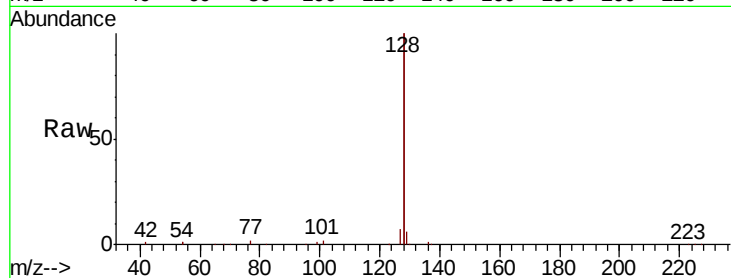
Tot Ion:128 Resp: 125099

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

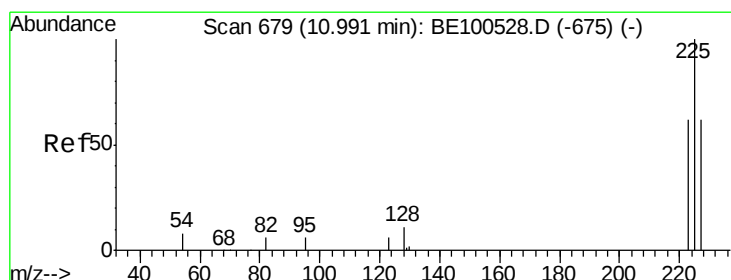
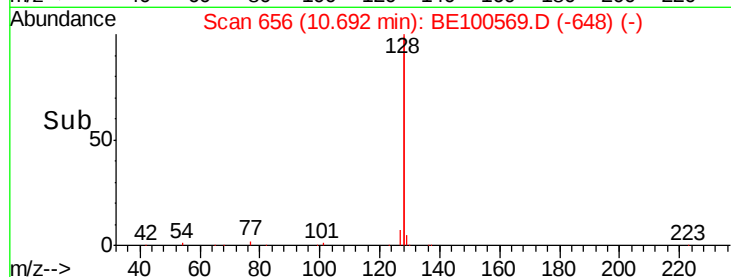
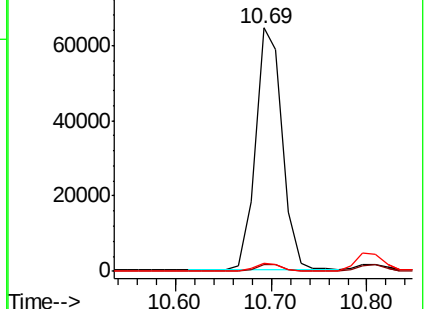
127 3.4 2.7 4.1



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: 0.379 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

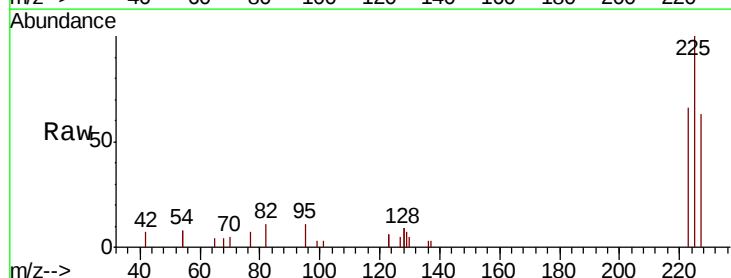
Tgt Ion:225 Resp: 3919

Ion Ratio Lower Upper

225 100

223 62.6 49.7 74.5

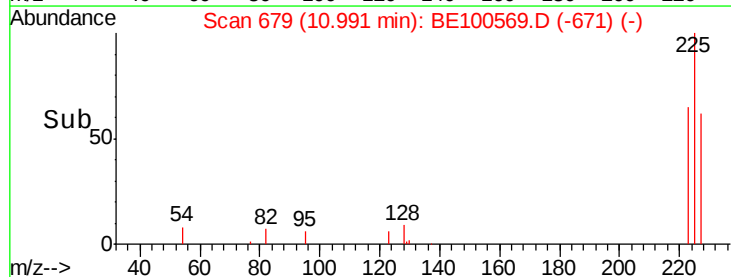
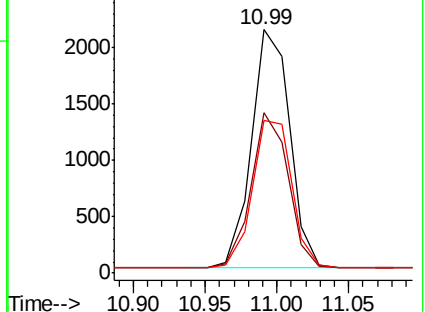
227 63.9 51.4 77.2

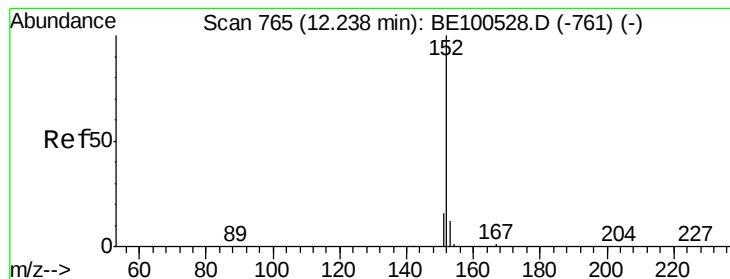


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

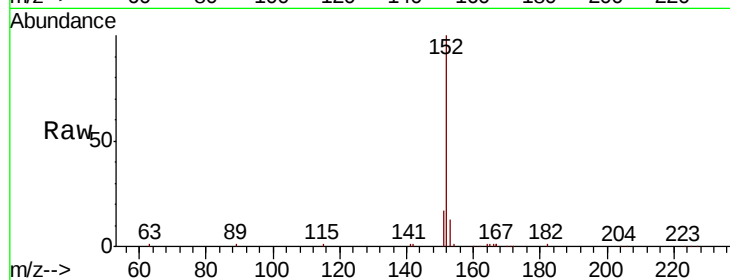
ClientSampleId :

Tot Ion:152 Resp: 17606

Ion Ratio Lower Upper

152 100

151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

12000

10000

8000

6000

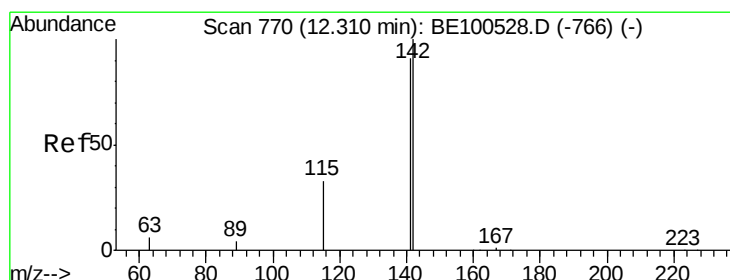
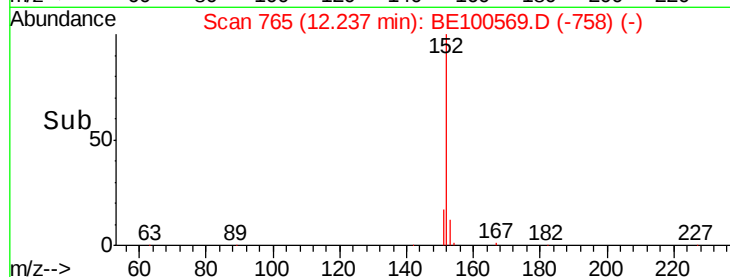
4000

2000

0

Time-->

12.20 12.24 12.40



#12

2-Methylnaphthalene

Concen: 0.391 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

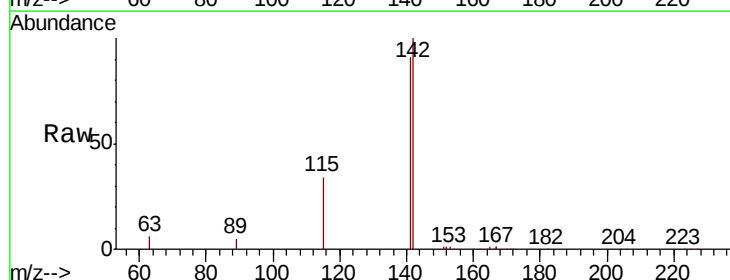
Tgt Ion:142 Resp: 20085

Ion Ratio Lower Upper

142 100

141 91.3 72.5 108.7

115 34.0 27.2 40.8



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

12.31

15000

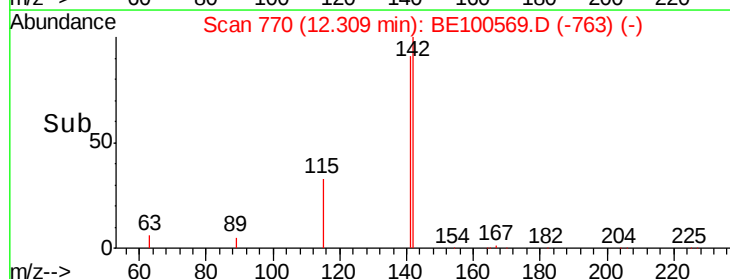
10000

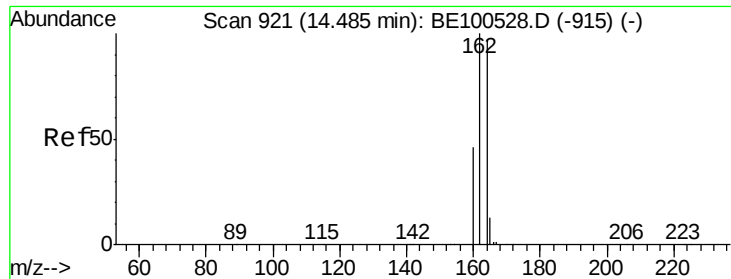
5000

0

Time-->

12.20 12.30 12.40

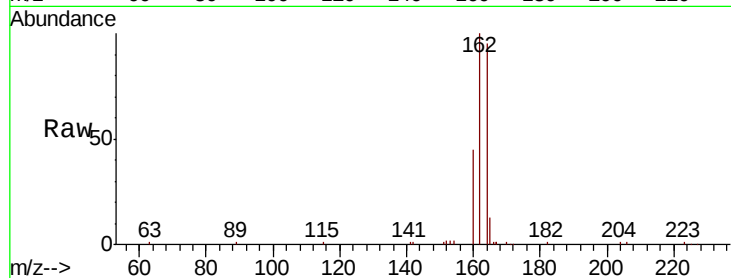




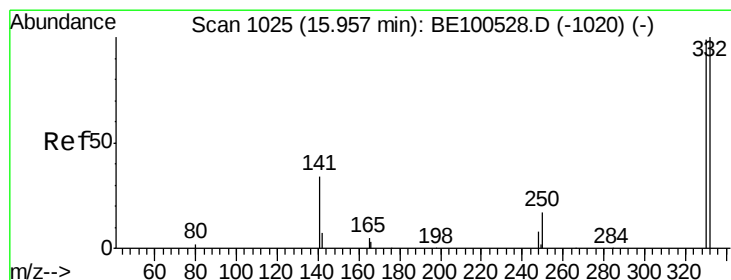
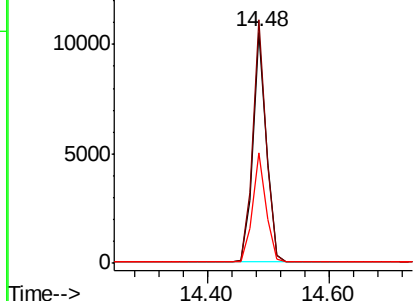
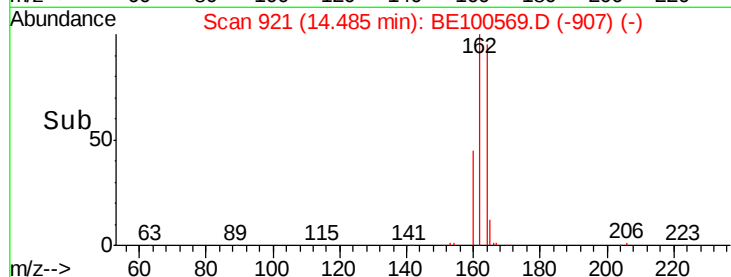
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 15875
Ion Ratio Lower Upper
164 100
162 105.3 82.1 123.1
160 47.8 37.6 56.4

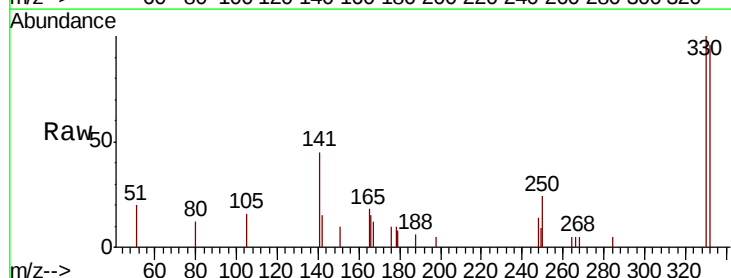


Abundance Ion 164.00 (163.70 to 164.70): E
15000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

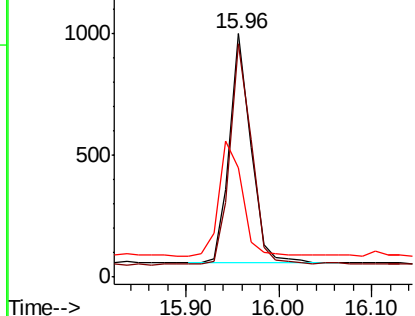
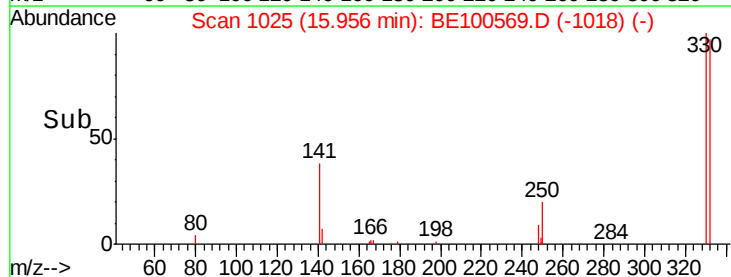


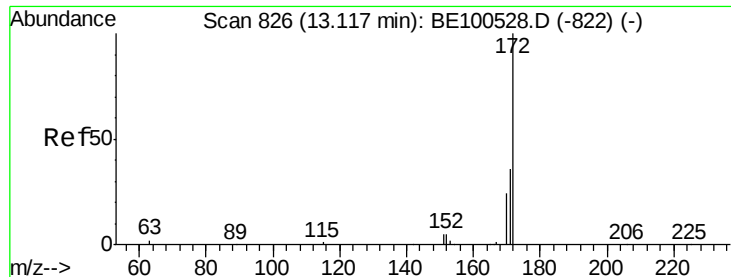
#14
2,4,6-Tribromophenol
Concen: 0.580 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:330 Resp: 1490
Ion Ratio Lower Upper
330 100
332 98.5 75.5 113.3
141 55.2 42.3 63.5



Abundance Ion 330.00 (329.70 to 330.70): E
1000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

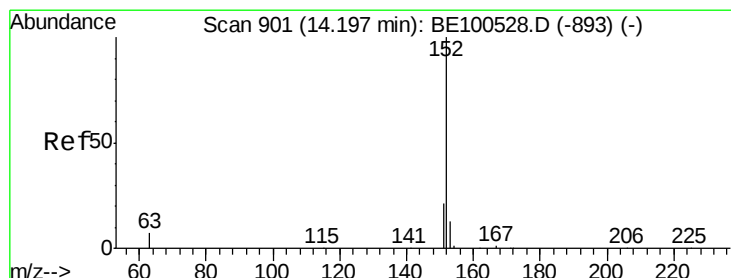
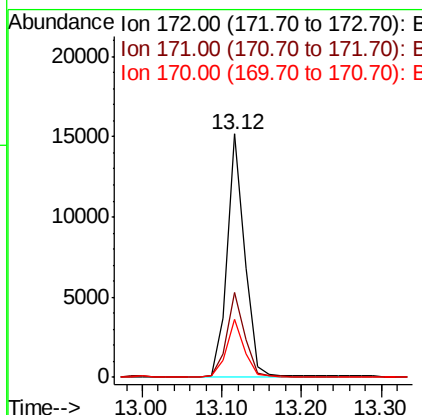
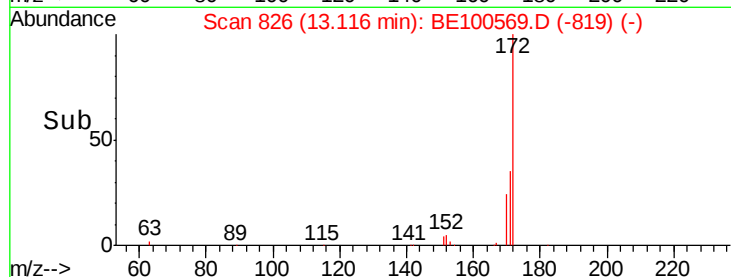
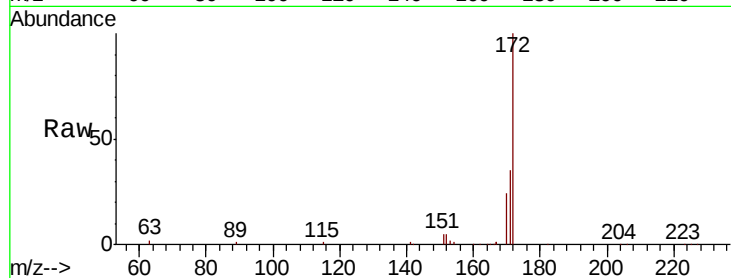




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

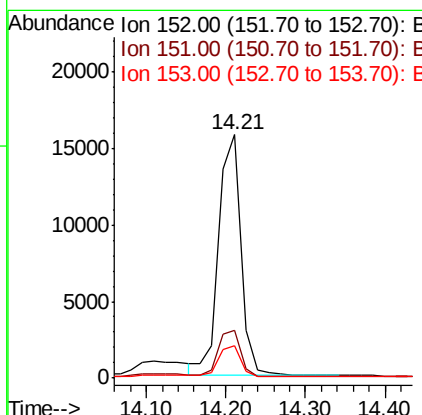
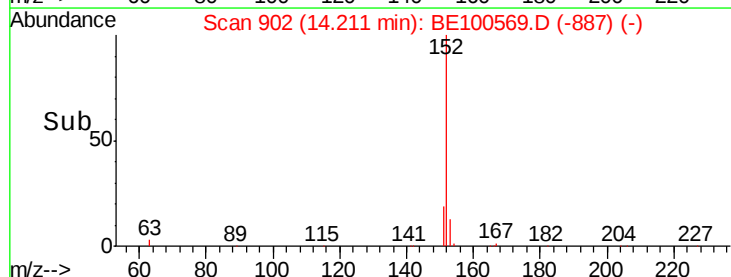
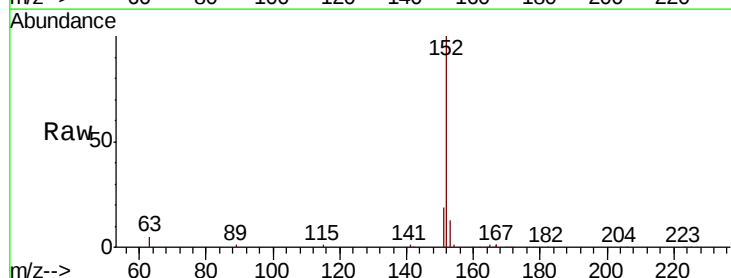
Instrument :
BNA_E
ClientSampleId :

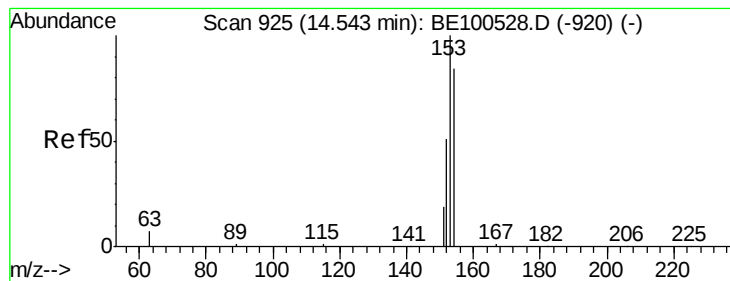
Tot Ion:172 Resp: 22873
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 24.0 19.4 29.0



#16
Acenaphthylene
Concen: 0.474 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:152 Resp: 30980
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.7 16.1





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

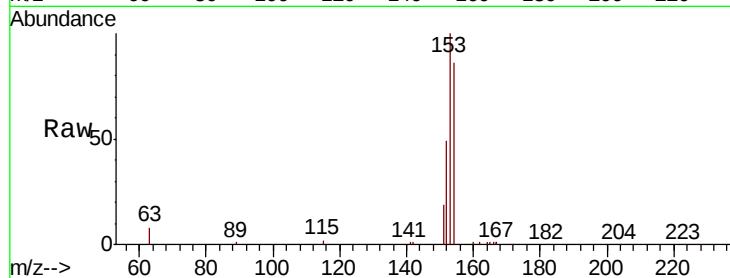
Tot Ion:154 Resp: 18058

Ion Ratio Lower Upper

154 100

153 114.0 93.7 140.5

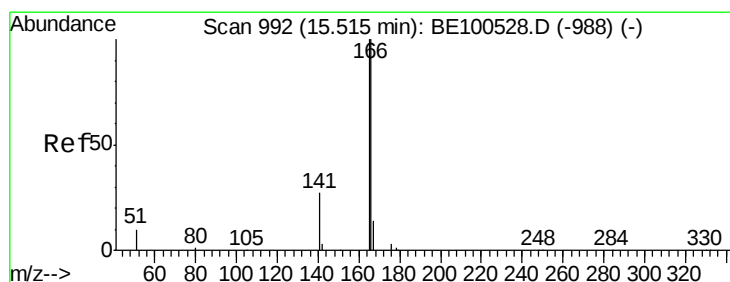
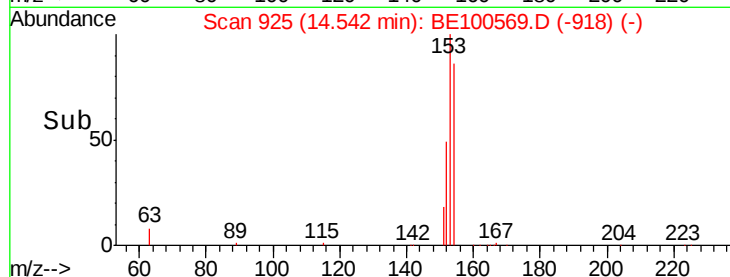
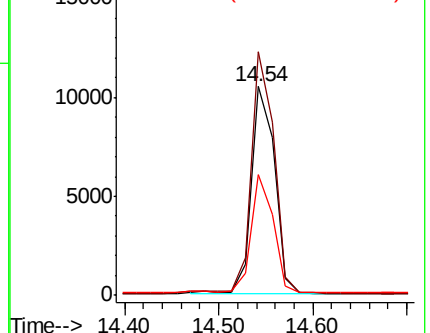
152 55.0 47.3 70.9



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: 0.403 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

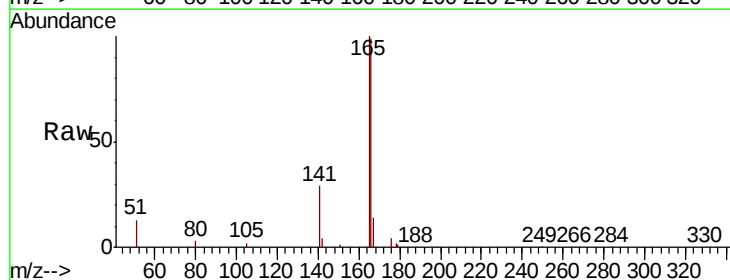
Tgt Ion:166 Resp: 22255

Ion Ratio Lower Upper

166 100

165 101.0 80.1 120.1

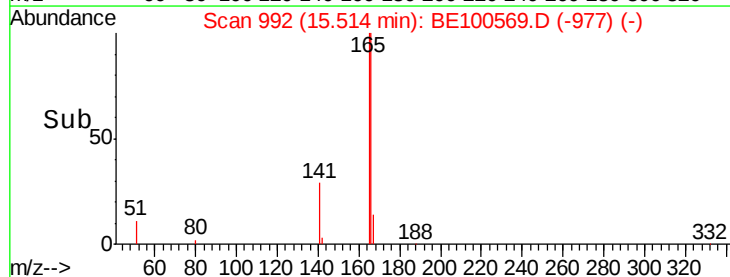
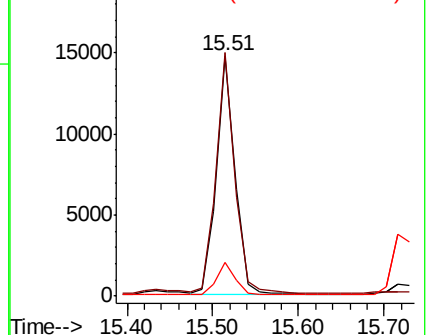
167 13.2 10.9 16.3

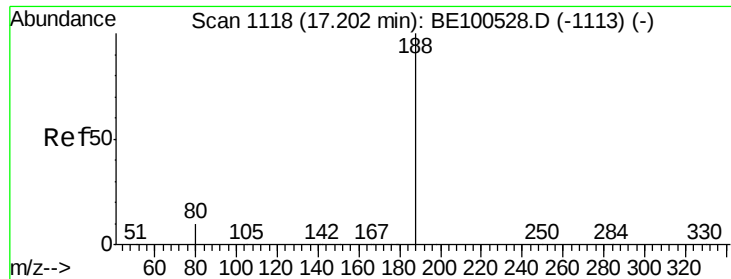


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampled :

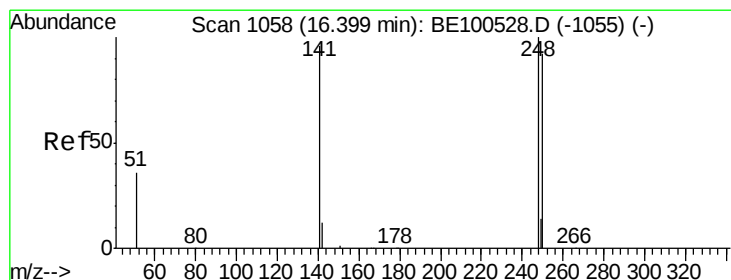
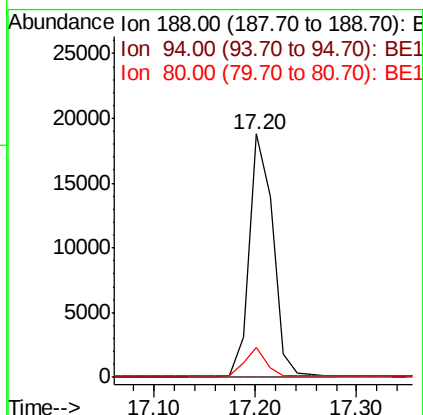
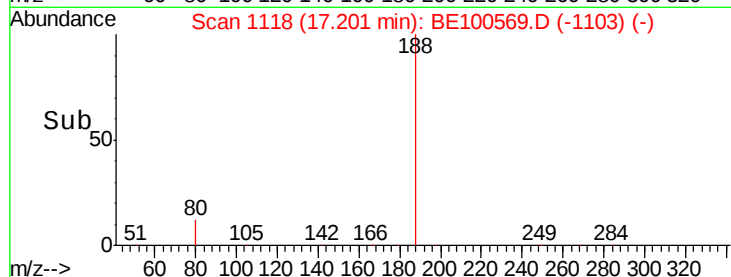
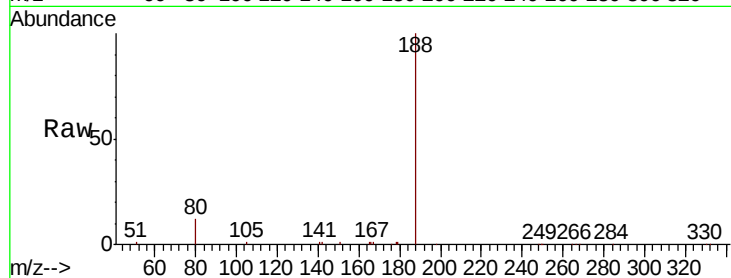
Tot Ion:188 Resp: 30551

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 8.0 12.0#



#20

4-Bromophenyl-phenylether

Concen: 0.422 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

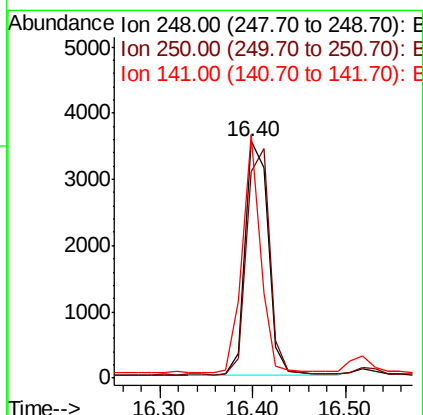
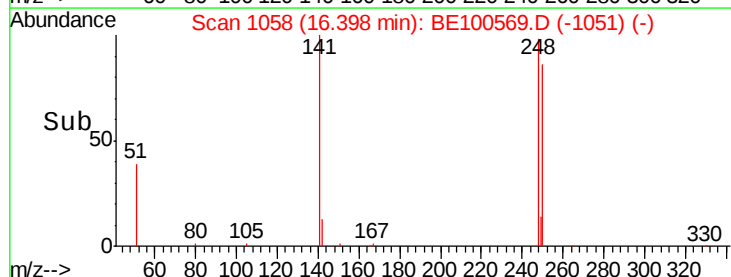
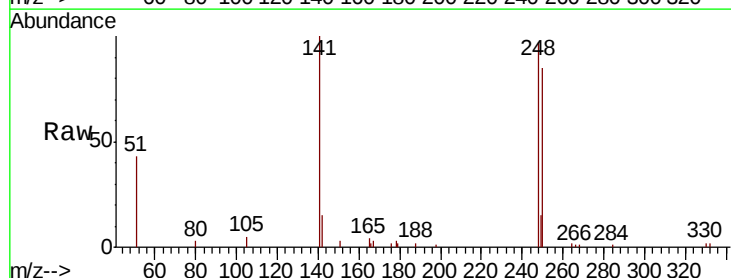
Tgt Ion:248 Resp: 6052

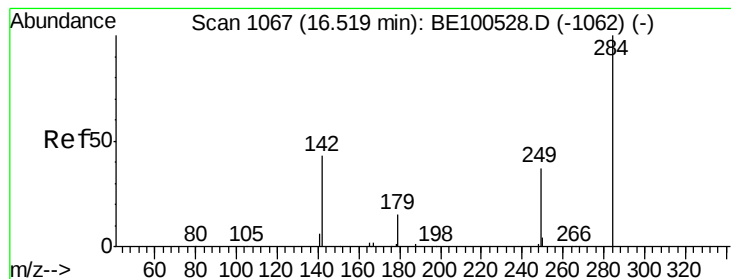
Ion Ratio Lower Upper

248 100

250 87.3 73.5 110.3

141 102.7 77.0 115.4





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

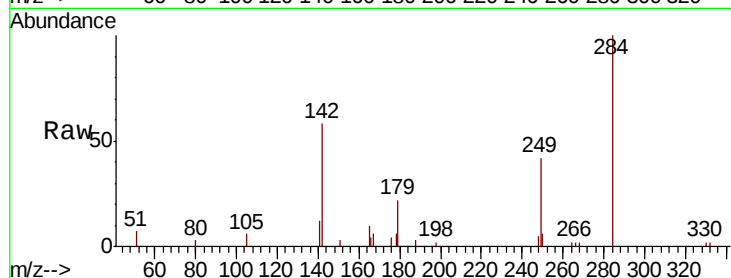
Tot Ion:284 Resp: 4803

Ion Ratio Lower Upper

284 100

142 47.8 39.0 58.6

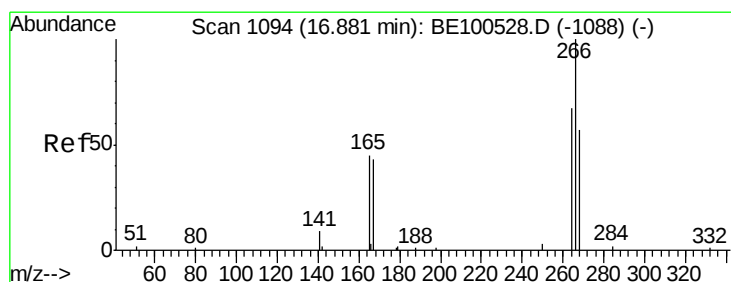
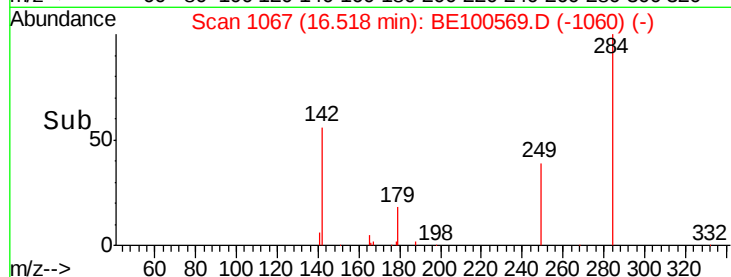
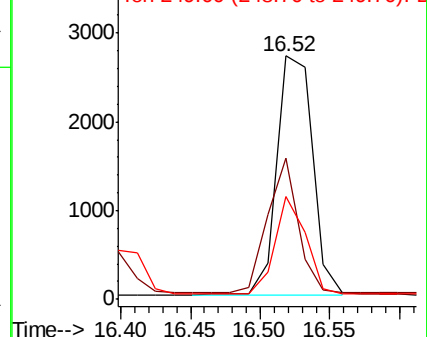
249 35.4 28.2 42.2



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: 0.732 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

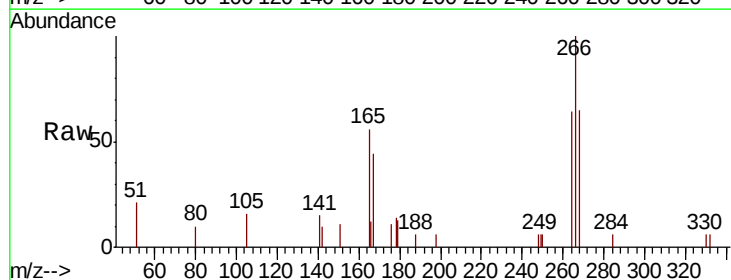
Tgt Ion:266 Resp: 1726

Ion Ratio Lower Upper

266 100

264 64.1 57.6 86.4

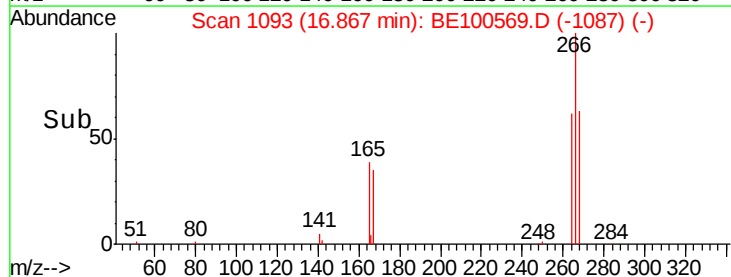
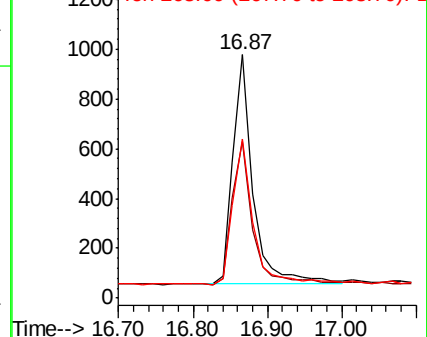
268 65.2 55.1 82.7

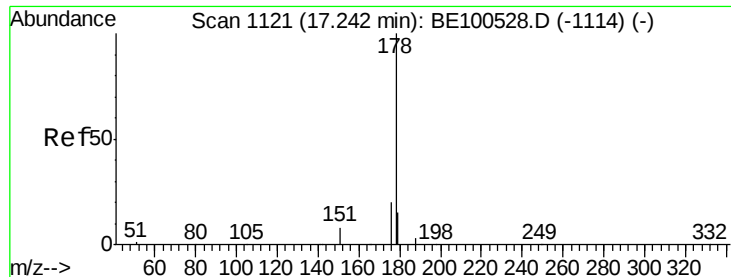


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

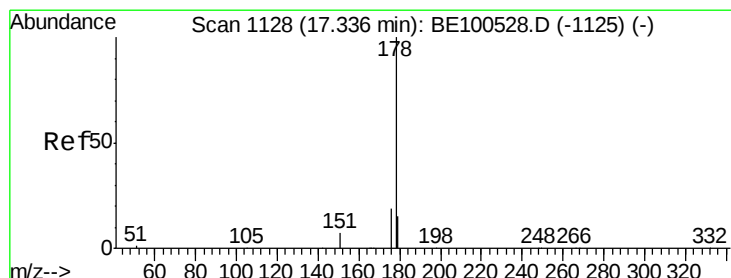
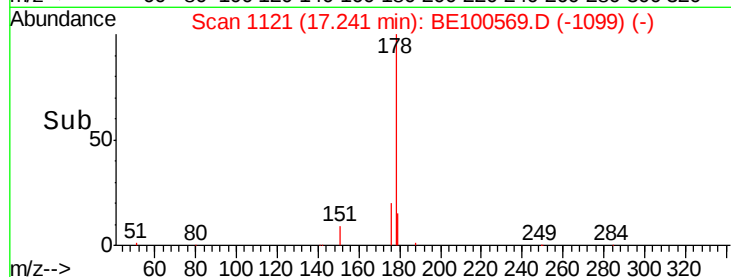
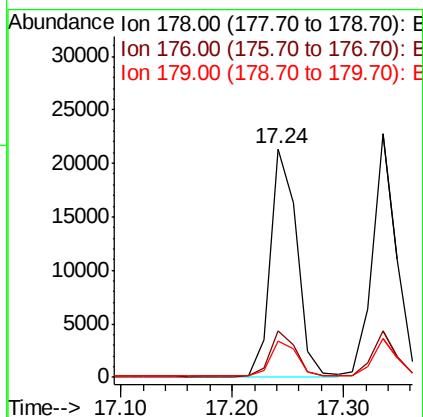
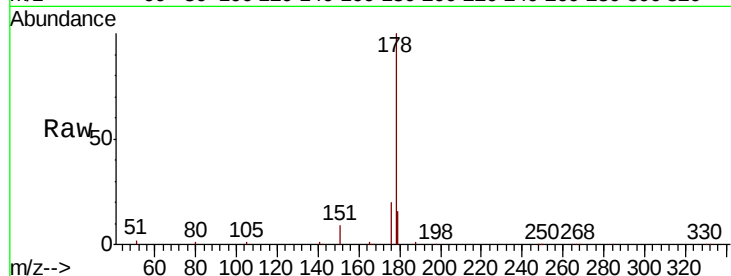




#23
Phenanthrene
Concen: 0.415 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

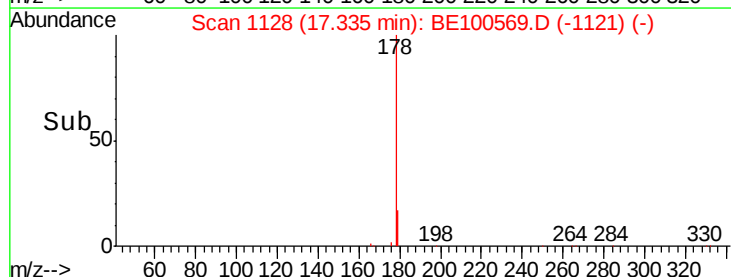
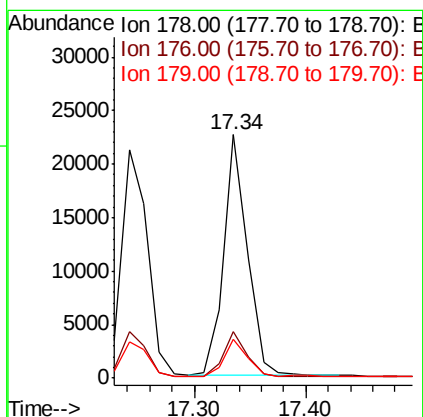
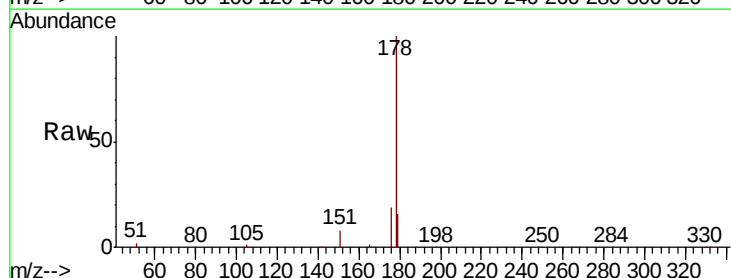
Instrument :
BNA_E
ClientSampleId :

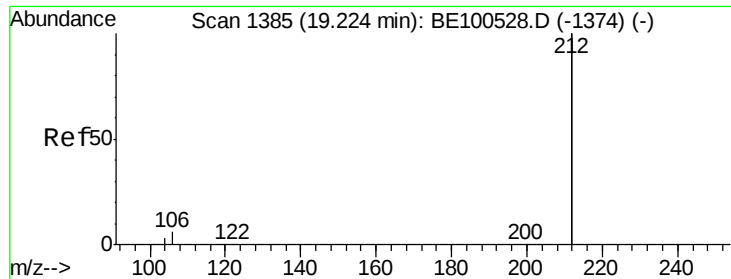
Tot Ion:178 Resp: 35308
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.6 18.8



#24
Anthracene
Concen: 0.466 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:178 Resp: 33412
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.7 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

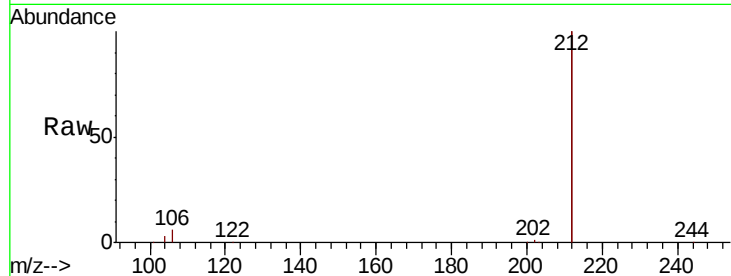
Tot Ion:212 Resp: 136241

Ion Ratio Lower Upper

212 100

106 3.1 2.3 3.5

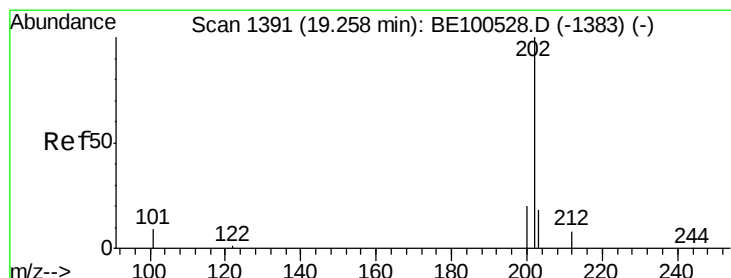
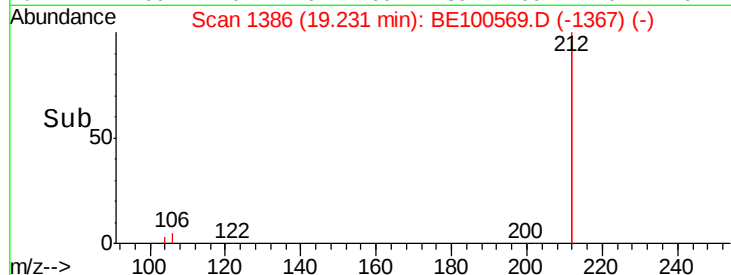
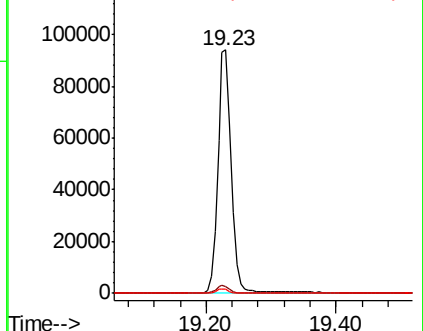
104 1.8 1.3 1.9



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: 0.379 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

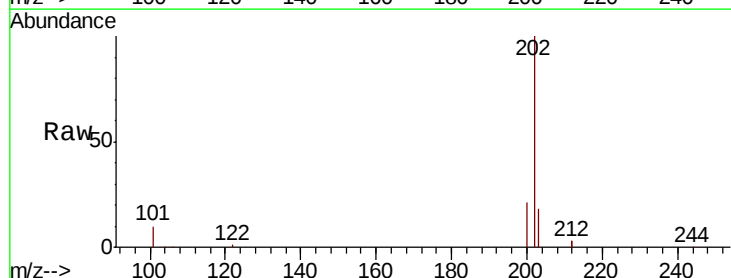
Tgt Ion:202 Resp: 38951

Ion Ratio Lower Upper

202 100

101 11.4 8.8 13.2

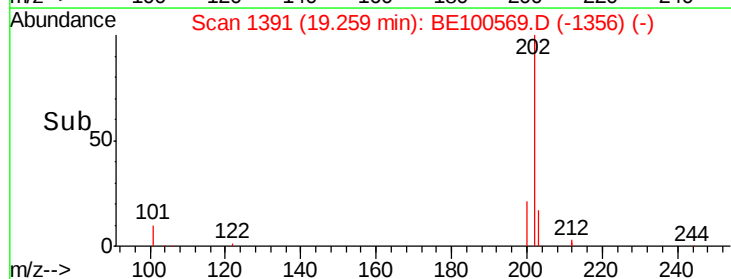
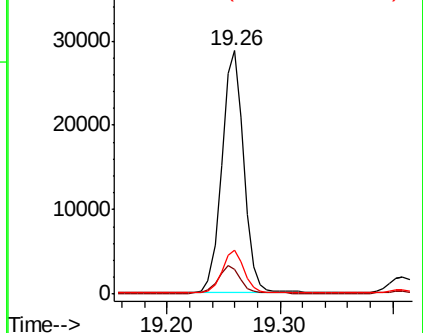
203 17.4 13.7 20.5



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

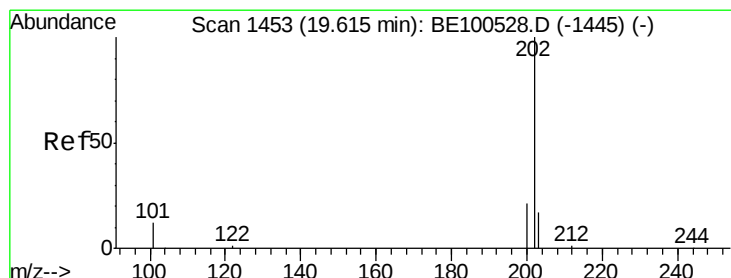
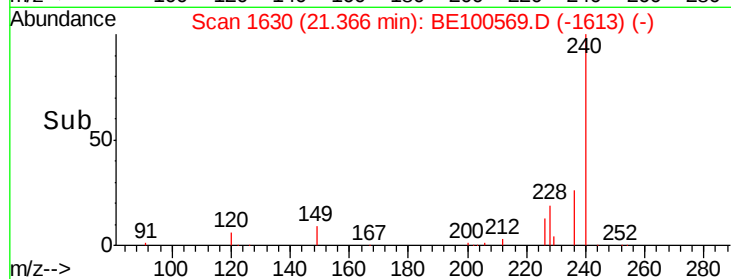
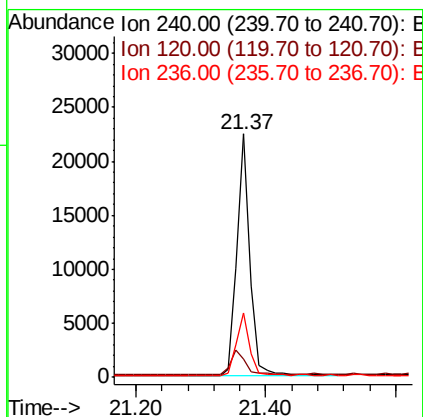
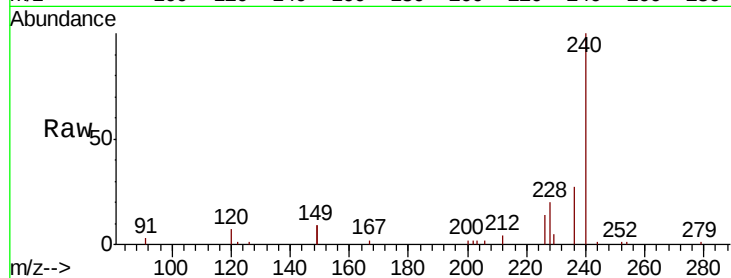




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

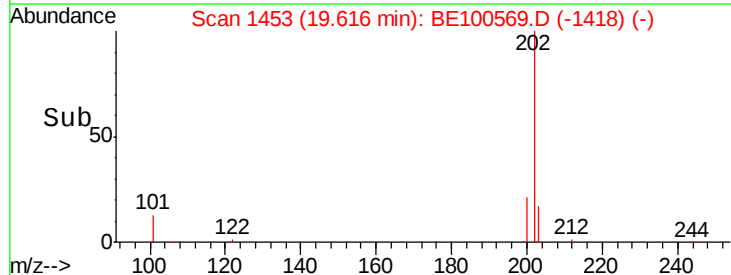
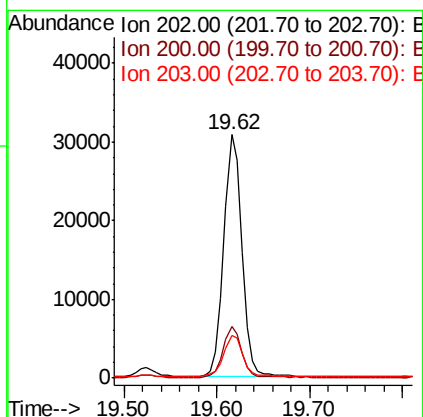
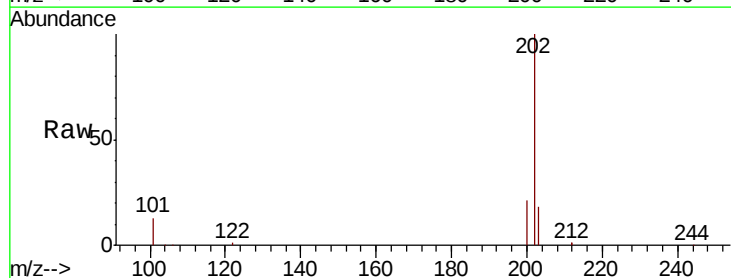
Instrument :
BNA_E
ClientSampleId :

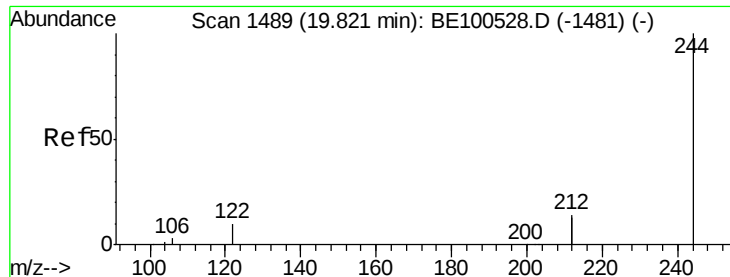
Tot Ion:240 Resp: 31634
Ion Ratio Lower Upper
240 100
120 7.4 4.5 6.7#
236 26.6 20.6 30.8



#28
Pyrene
Concen: 0.453 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:202 Resp: 41246
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.421 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

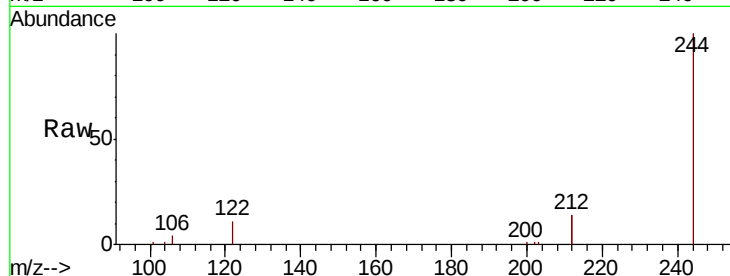
Tot Ion:244 Resp: 31575

Ion Ratio Lower Upper

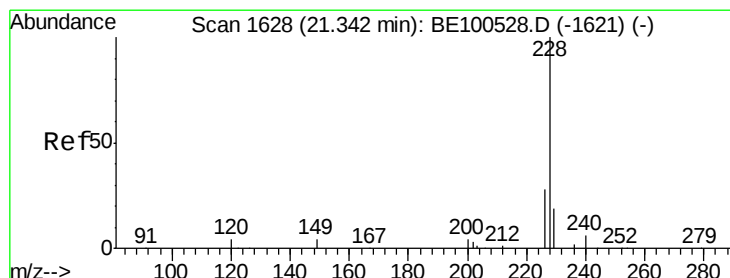
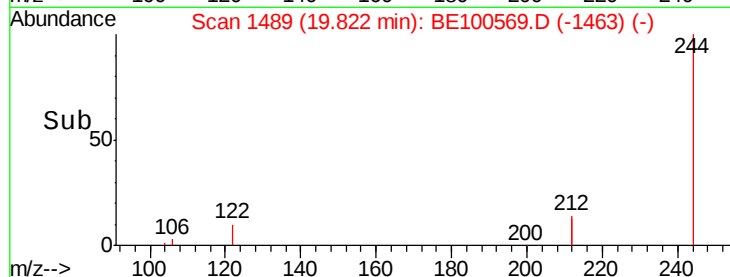
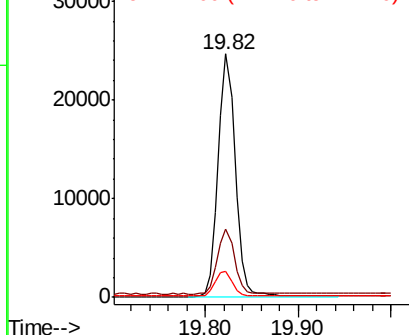
244 100

212 28.0 22.2 33.2

122 10.7 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: 0.472 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

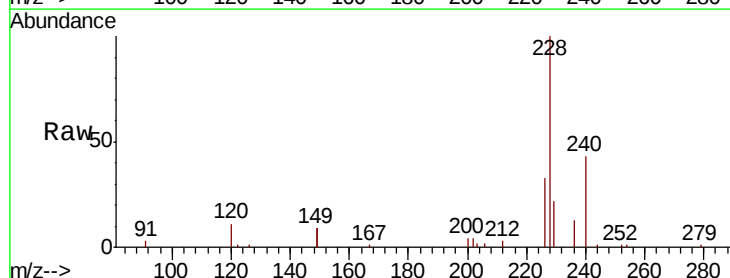
Tgt Ion:228 Resp: 39905

Ion Ratio Lower Upper

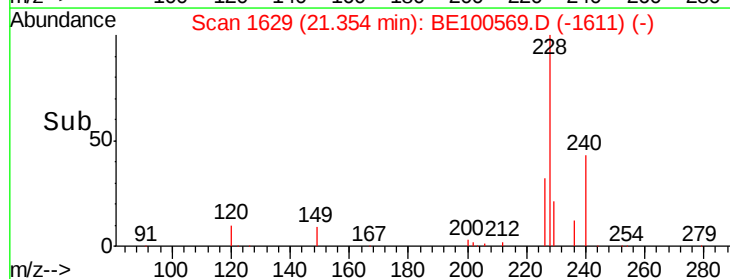
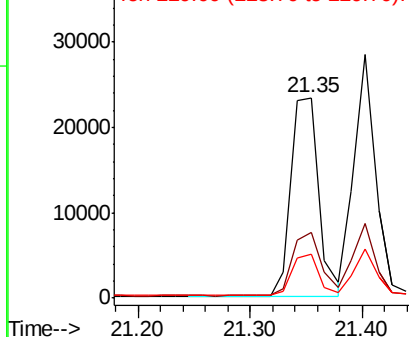
228 100

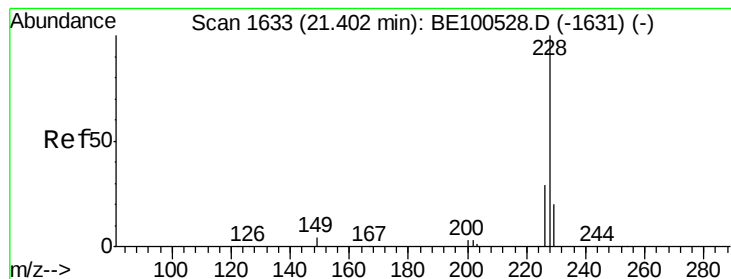
226 32.6 22.5 33.7

229 21.6 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: 0.391 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

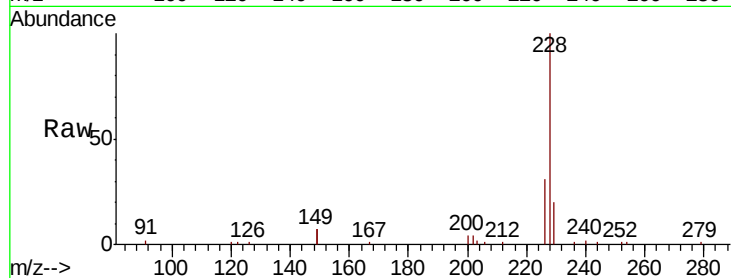
Tot Ion:228 Resp: 37638

Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

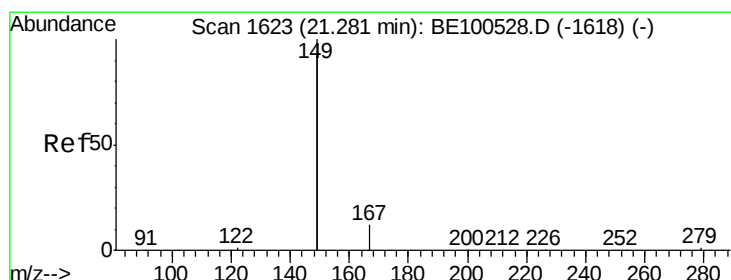
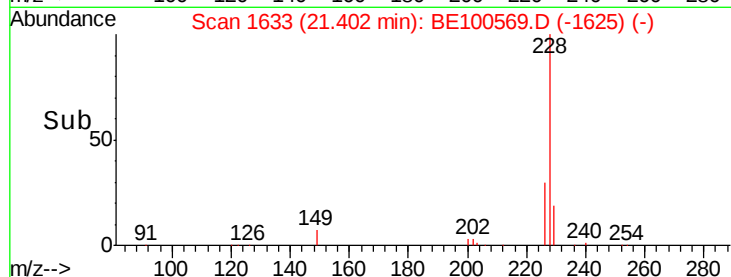
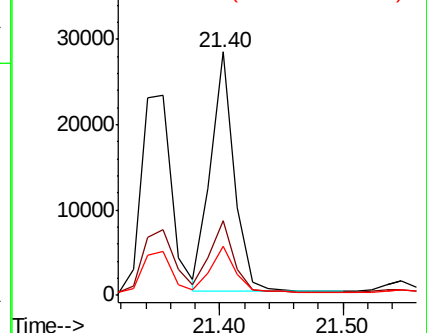
229 20.3 16.3 24.5



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.200 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

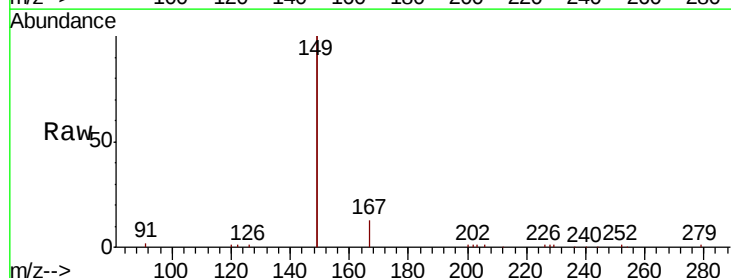
Tgt Ion:149 Resp: 109261

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

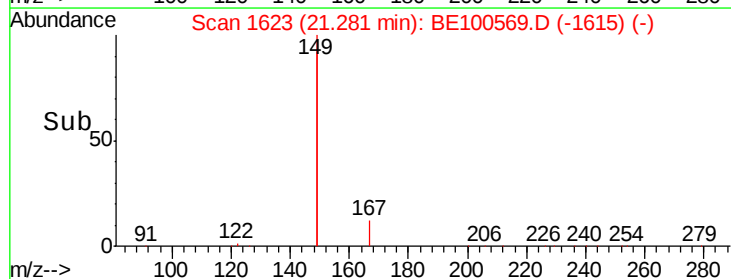
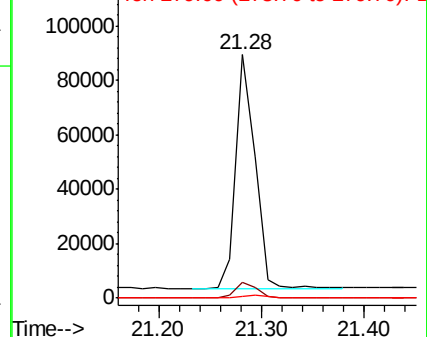
279 1.1 1.0 1.4

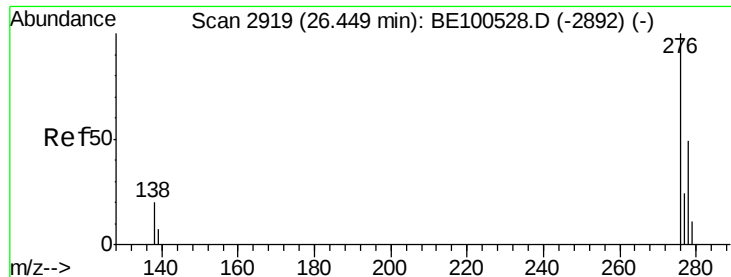


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

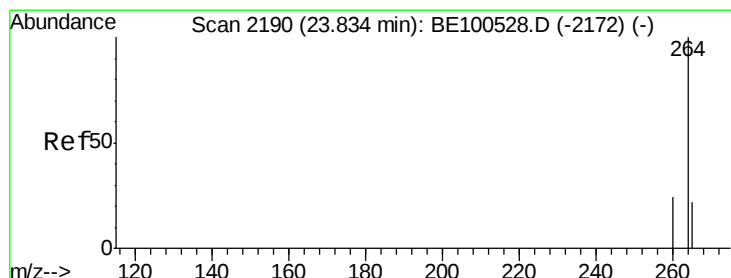
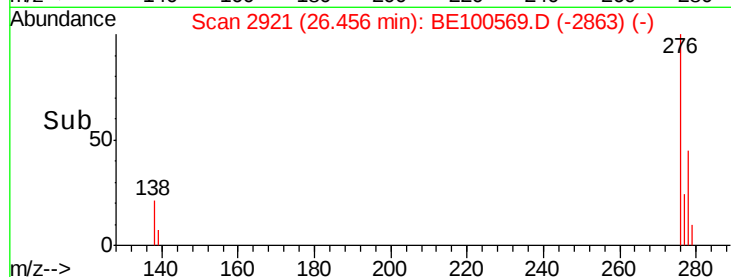
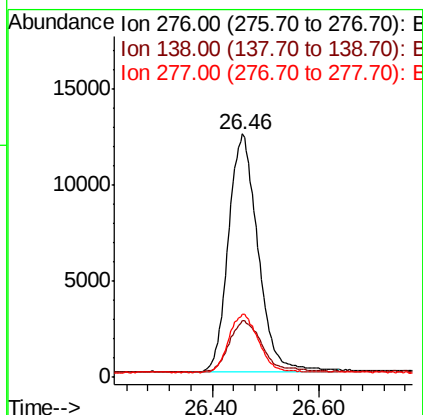
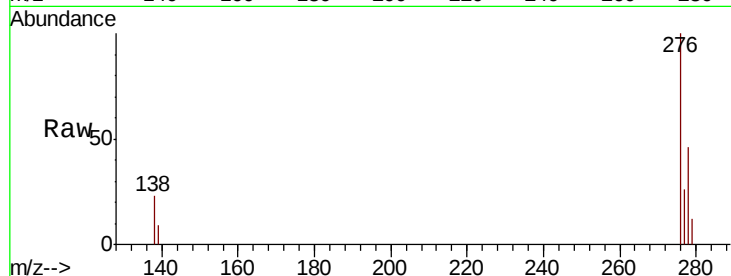




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.443 ng
 RT: 26.46 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BE100569.D
 Acq: 26 Sep 2019 16:00

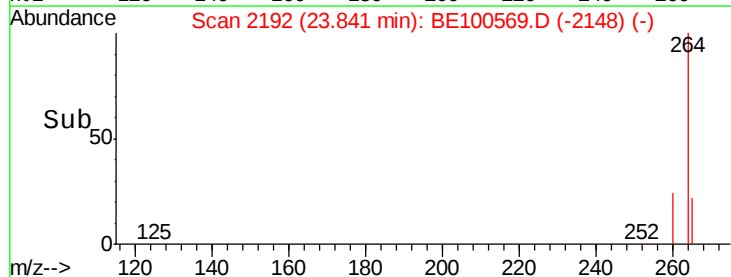
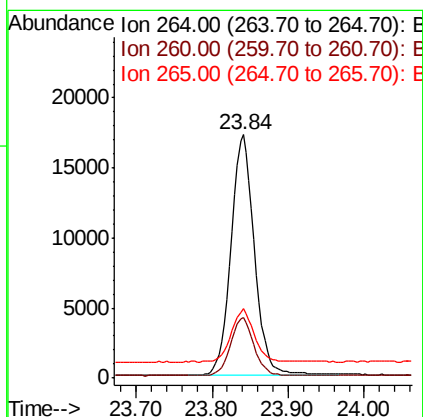
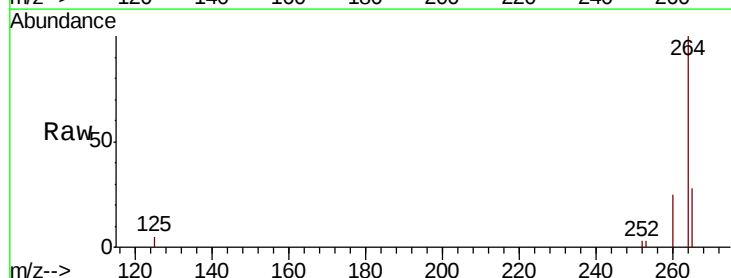
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 47436
 Ion Ratio Lower Upper
 276 100
 138 23.4 17.7 26.5
 277 24.5 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2192
 Delta R.T. 0.01 min
 Lab File: BE100569.D
 Acq: 26 Sep 2019 16:00

Tgt Ion:264 Resp: 36791
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 28.4 21.8 32.8

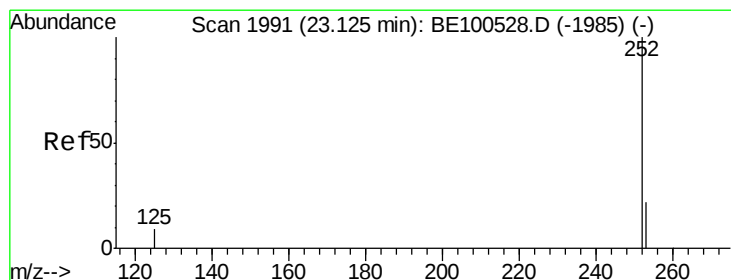
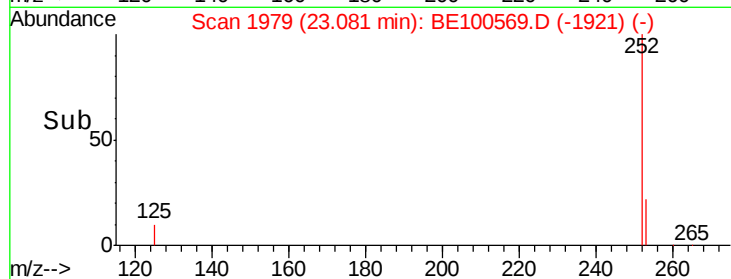
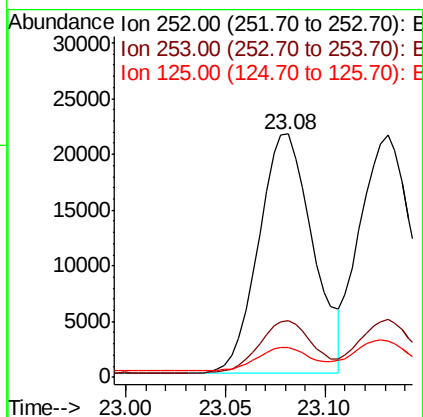
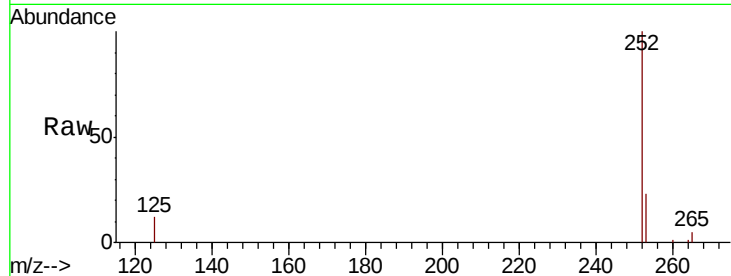




#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

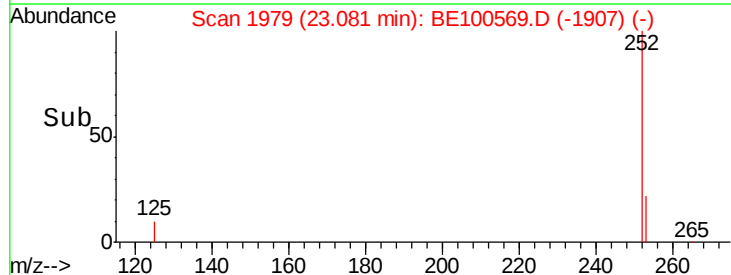
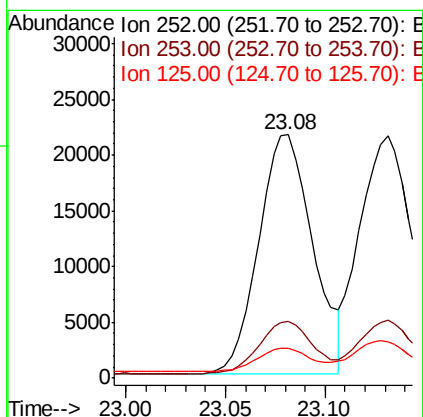
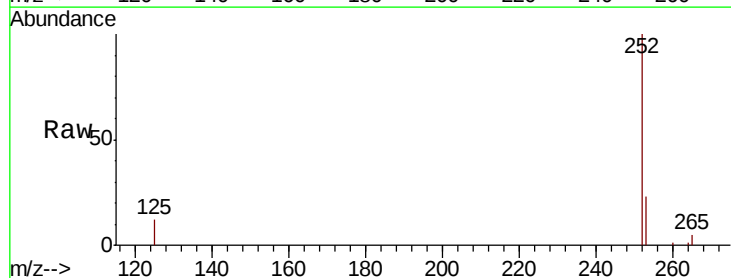
Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 40512
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 12.4 8.0 12.0#



#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.04 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:252 Resp: 40512
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 12.4 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.73 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :

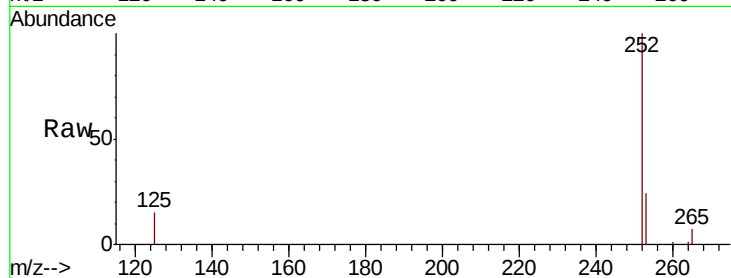
Tot Ion:252 Resp: 38016

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

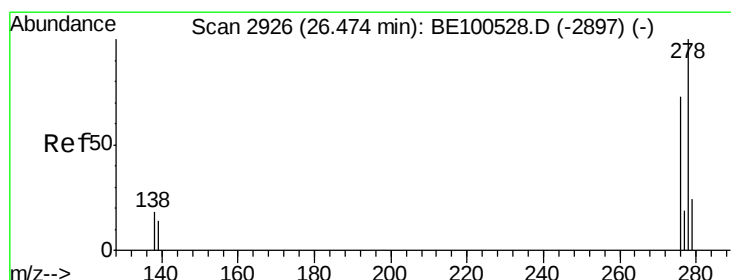
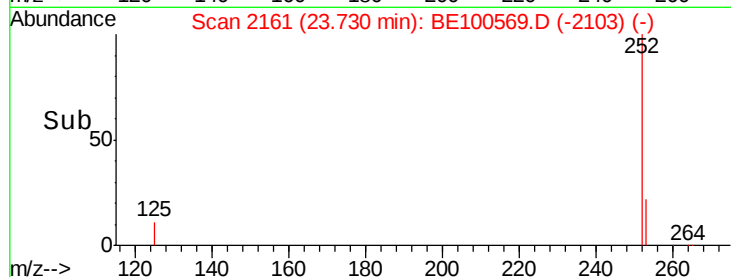
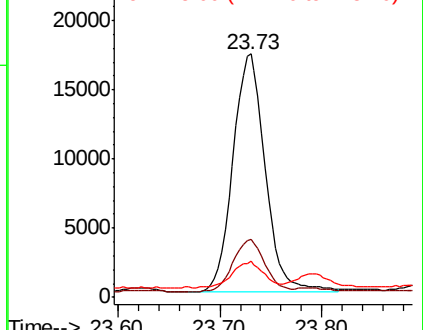
125 14.7 9.2 13.8#



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: 0.403 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.01 min

Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

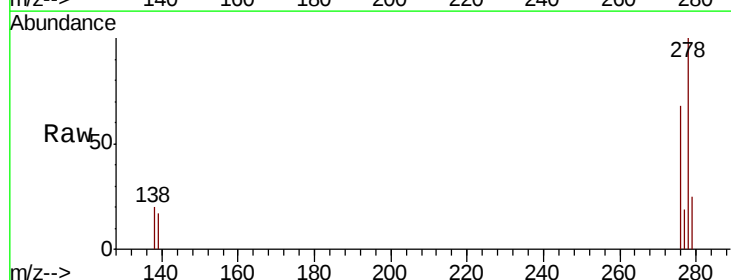
Tgt Ion:278 Resp: 38944

Ion Ratio Lower Upper

278 100

139 16.9 11.6 17.4

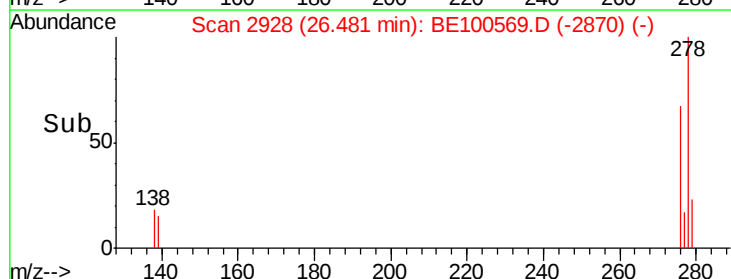
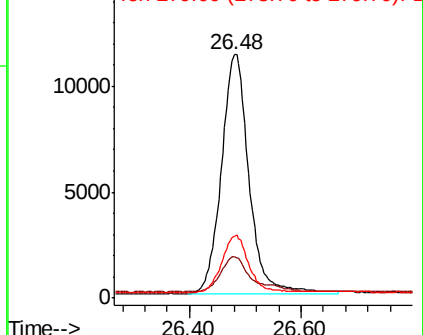
279 25.3 19.7 29.5

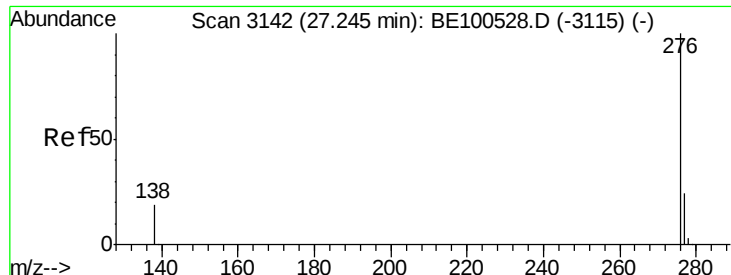


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 27.26 min Scan# 3146

Delta R.T. 0.01 min

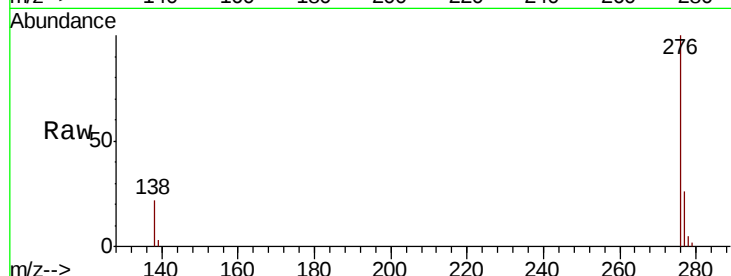
Lab File: BE100569.D

Acq: 26 Sep 2019 16:00

Instrument :

BNA_E

ClientSampleId :



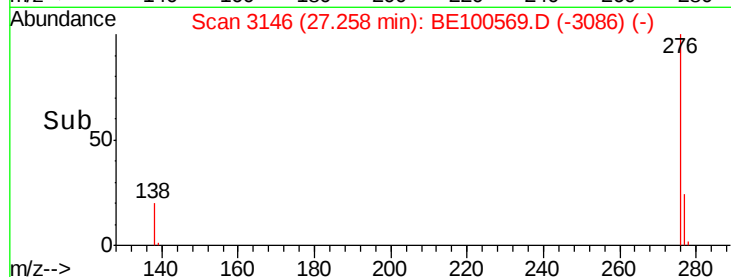
Tot Ion: 276 Resp: 39355

Ion Ratio Lower Upper

276 100

277 25.8 19.2 28.8

138 22.4 15.7 23.5



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

