

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100967.D
 Acq On : 24 Dec 2019 10:26
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 11:27:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 11:19:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2225	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11167	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7016	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	16256	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15320	0.40	ng	0.00
34) Perylene-d12	23.73	264	18824	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1148	0.29	ng	0.00
5) Phenol-d6	6.99	99	1359	0.28	ng	0.00
8) Nitrobenzene-d5	8.91	82	1886	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	6750	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	494	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10147	0.41	ng	0.00
25) Fluoranthene-d10	19.14	212	73487	0.36	ng	0.00
29) Terphenyl-d14	19.76	244	13861	0.40	ng	0.00

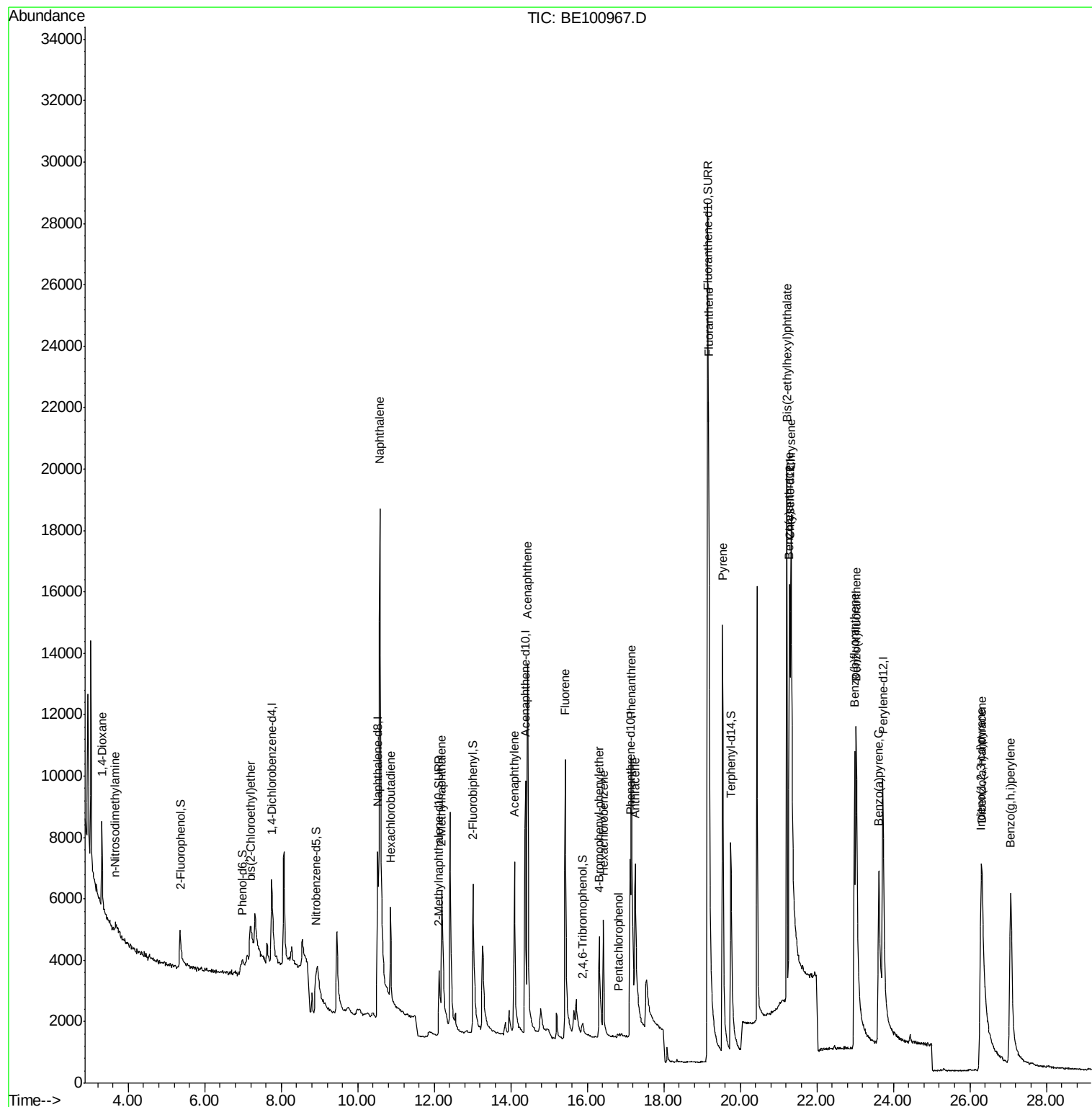
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	2786	0.329	ng	100
3) n-Nitrosodimethylamine	3.67	42	457	0.188	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	1898	0.334	ng	91
9) Naphthalene	10.58	128	47821	0.396	ng	100
10) Hexachlorobutadiene	10.86	225	2151	0.417	ng	100
12) 2-Methylnaphthalene	12.19	142	6353	0.374	ng	100
16) Acenaphthylene	14.10	152	9744	0.337	ng	100
17) Acenaphthene	14.44	154	7695	0.391	ng	100
18) Fluorene	15.42	166	9209	0.370	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	2516	0.348	ng	100
21) Hexachlorobenzene	16.43	284	3251	0.394	ng	100
22) Pentachlorophenol	16.83	266	183	0.150	ng	100
23) Phenanthrene	17.16	178	14952	0.353	ng	100
24) Anthracene	17.26	178	9177	0.322	ng	100
26) Fluoranthene	19.18	202	20645	0.351	ng	100
28) Pyrene	19.53	202	21851	0.399	ng	100
30) Benzo(a)anthracene	21.28	228	13051	0.325	ng	100
31) Chrysene	21.33	228	19366	0.383	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	26075	0.206	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	20085	0.379	ng	100
35) Benzo(b)fluoranthene	22.99	252	15518	0.372	ng	100
36) Benzo(k)fluoranthene	23.03	252	26654	0.478	ng	100
37) Benzo(a)pyrene	23.62	252	18078	0.380	ng	100
38) Dibenzo(a,h)anthracene	26.32	278	13852	0.346	ng	100
39) Benzo(g,h,i)perylene	27.07	276	19707	0.398	ng	100

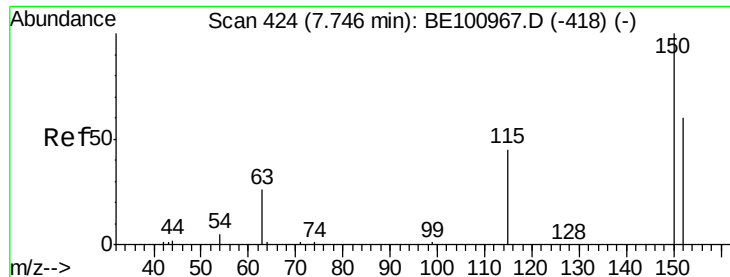
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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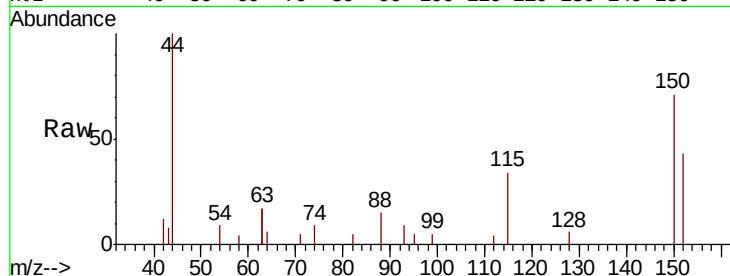


#1

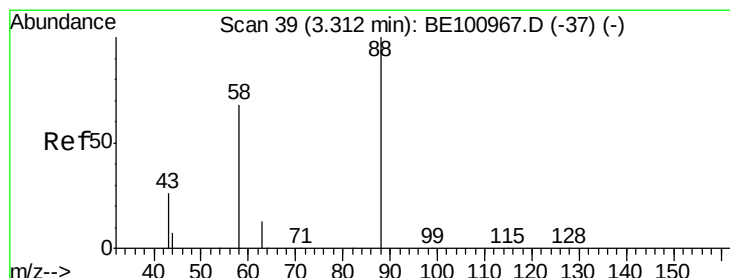
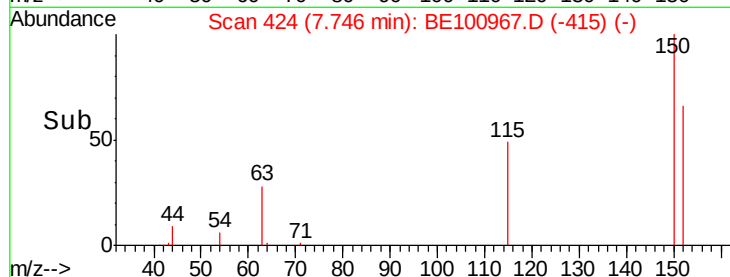
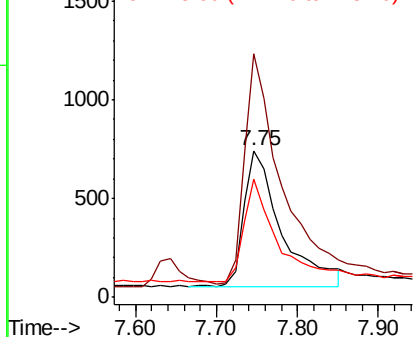
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2225
Ion Ratio Lower Upper
152 100
150 165.8 132.6 199.0
115 80.1 64.1 96.1



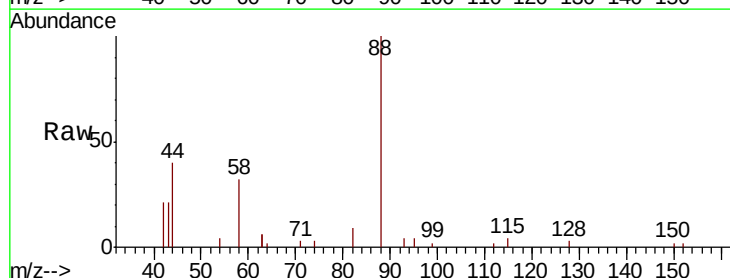
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



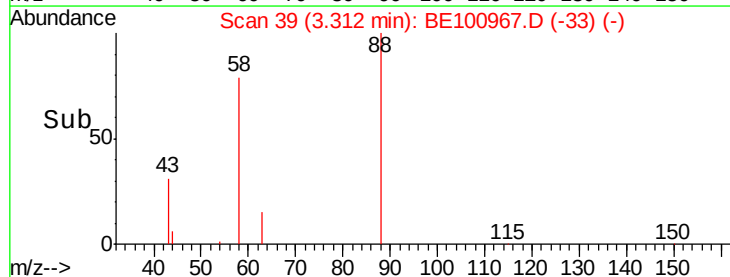
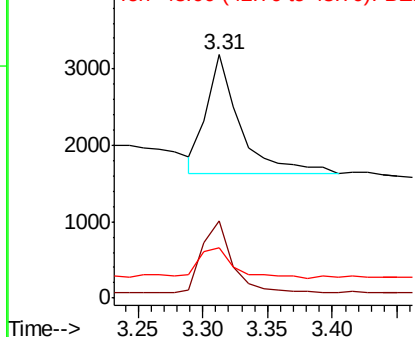
#2

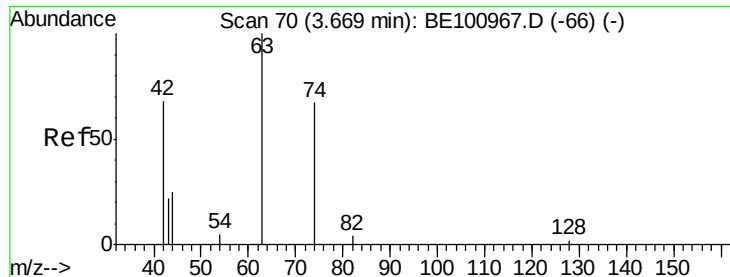
1,4-Dioxane
Concen: 0.329 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion: 88 Resp: 2786
Ion Ratio Lower Upper
88 100
58 55.3 44.2 66.4
43 26.3 21.0 31.6



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: 0.188 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

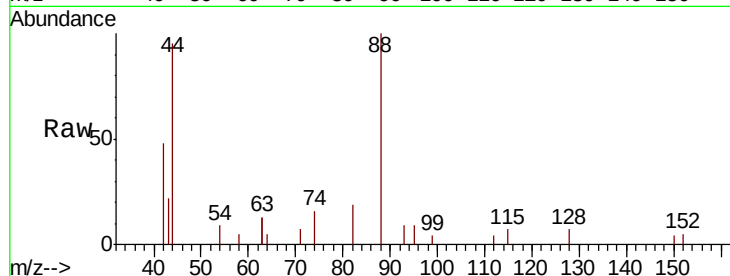
Tot Ion: 42 Resp: 457

Ion Ratio Lower Upper

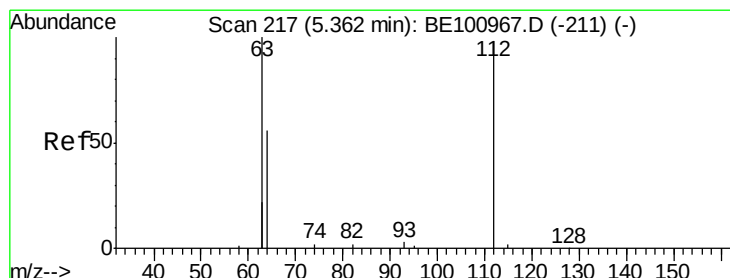
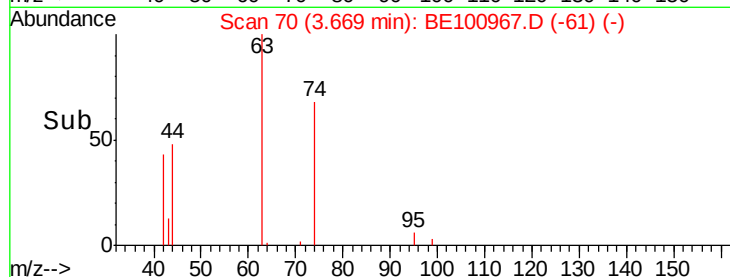
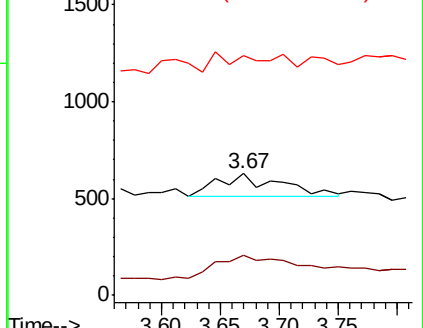
42 100

74 145.7 116.6 174.8

44 0.0 0.0 0.0



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: 0.289 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

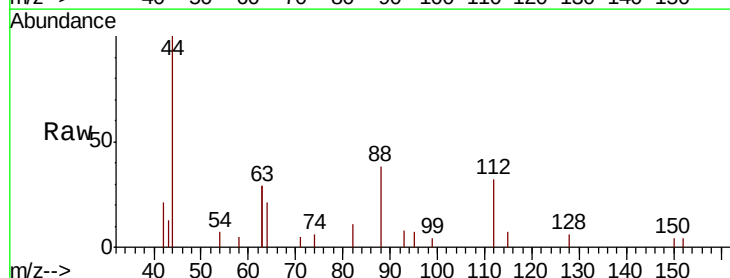
Tgt Ion: 112 Resp: 1148

Ion Ratio Lower Upper

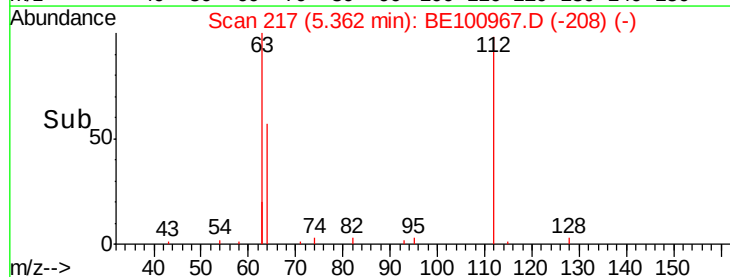
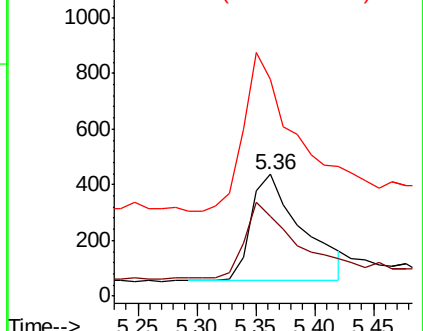
112 100

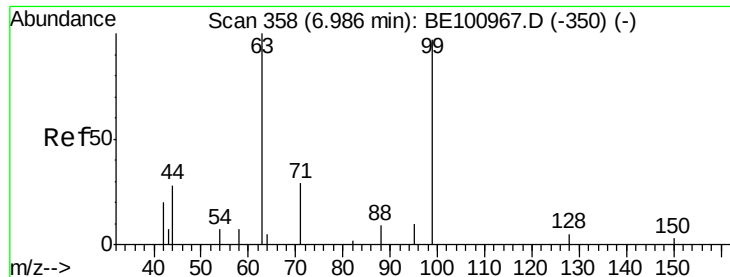
64 71.6 59.0 88.6

63 151.7 121.4 182.0



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: 0.281 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

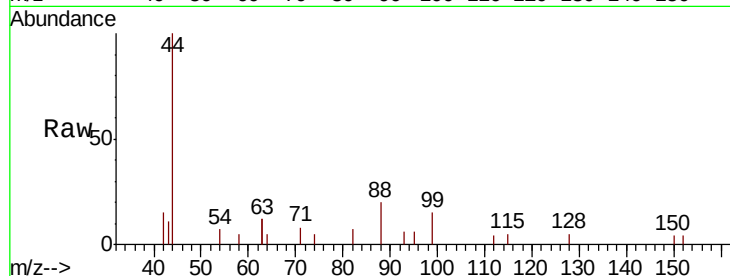
Tot Ion: 99 Resp: 1359

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



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

Time-->

6.99

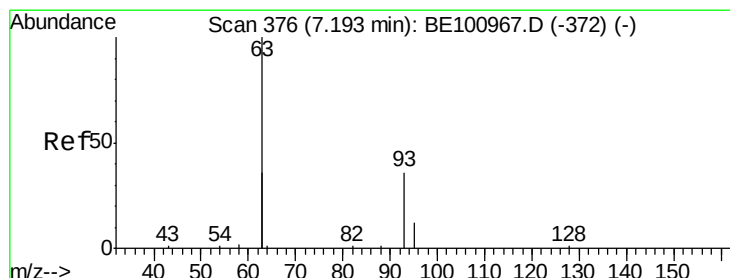
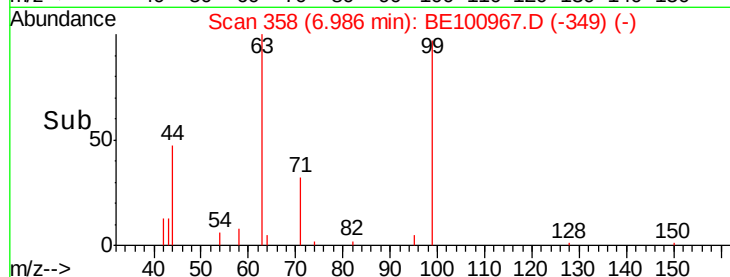
300

200

100

0

6.90 7.00 7.10



#6

bis(2-Chloroethyl)ether

Concen: 0.334 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

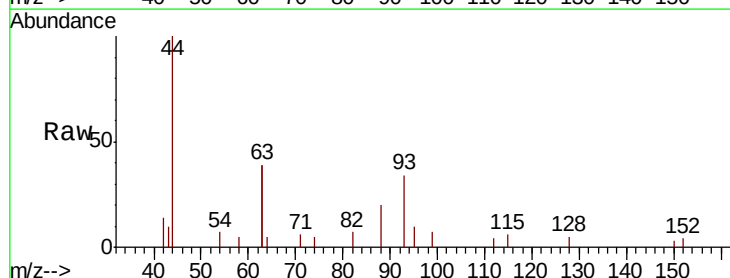
Tgt Ion: 93 Resp: 1898

Ion Ratio Lower Upper

93 100

63 267.3 228.3 342.5

95 30.3 25.9 38.9



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

Time-->

7.19

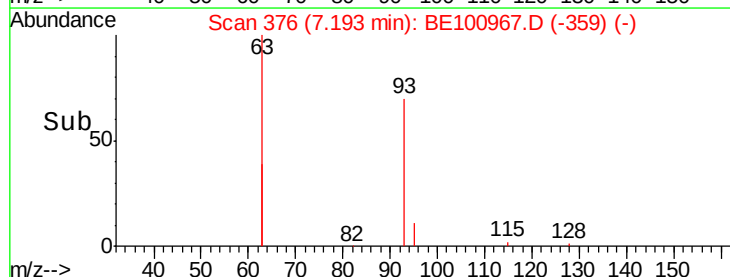
1500

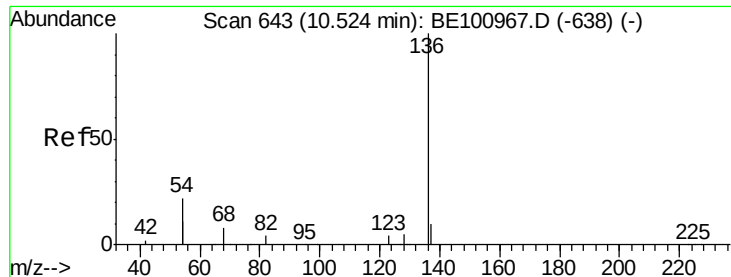
1000

500

0

7.10 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 11167

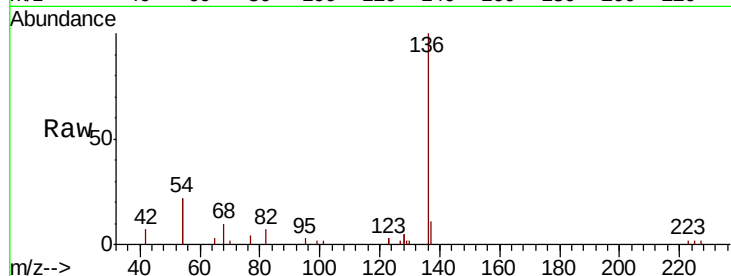
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 43.0 34.4 51.6

68 9.7 7.8 11.6

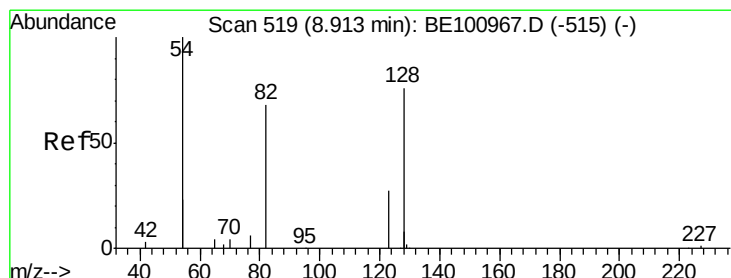
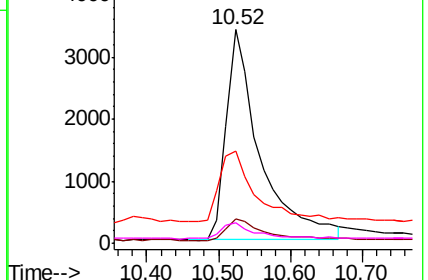
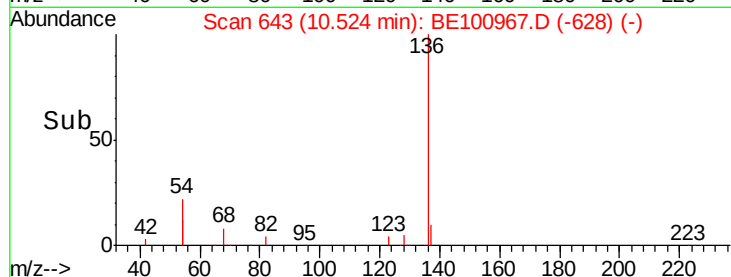


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

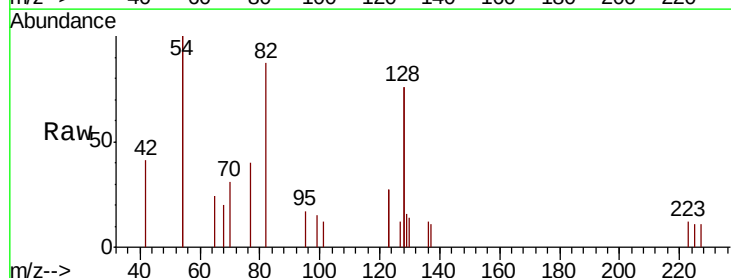
Tgt Ion: 82 Resp: 1886

Ion Ratio Lower Upper

82 100

128 175.2 140.2 210.2

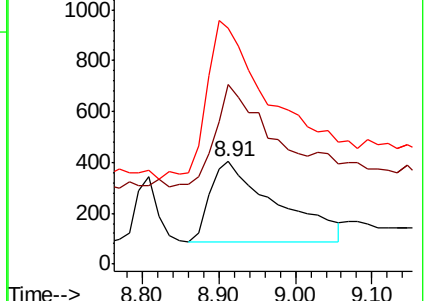
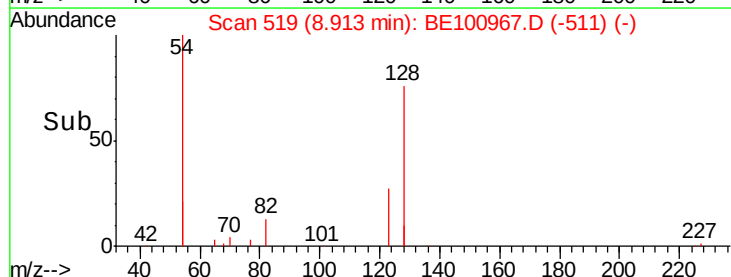
54 229.7 183.8 275.6

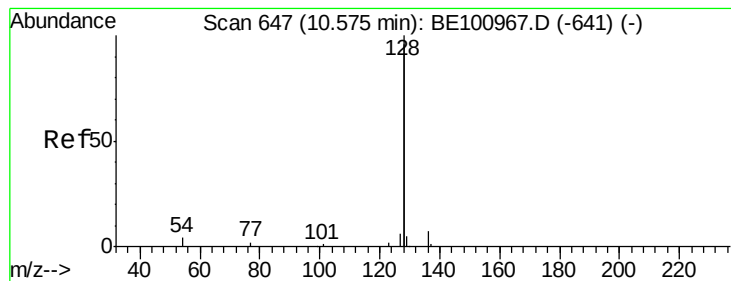


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.396 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

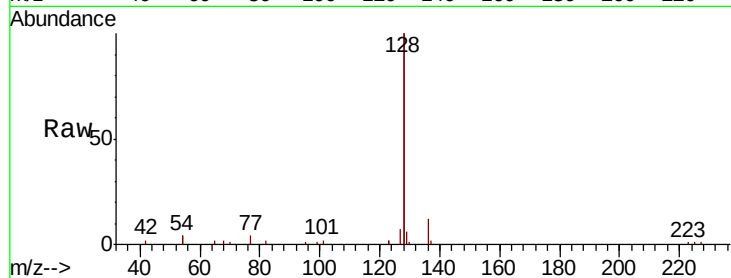
Tot Ion:128 Resp: 47821

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

127 3.5 2.8 4.2

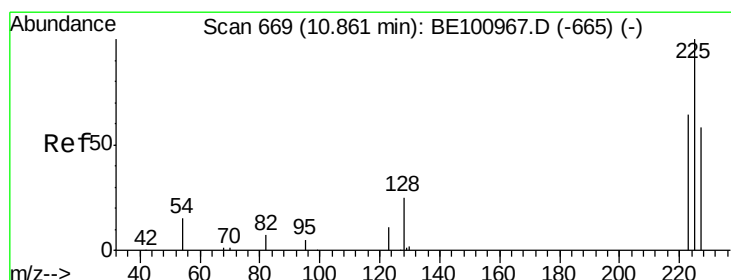
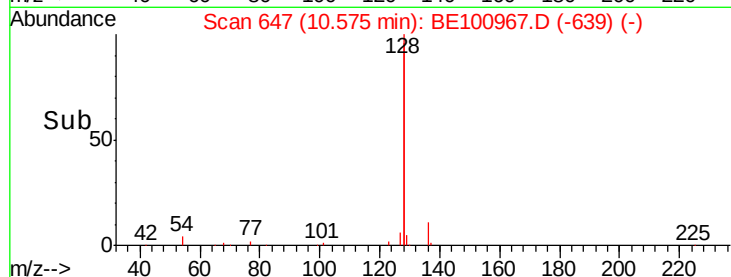
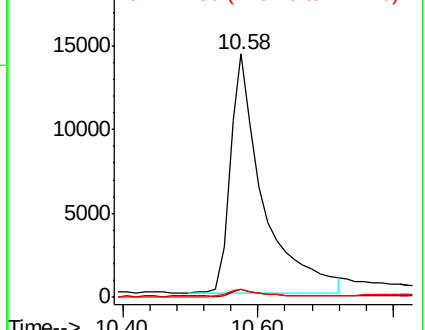


Abundance

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: 0.417 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

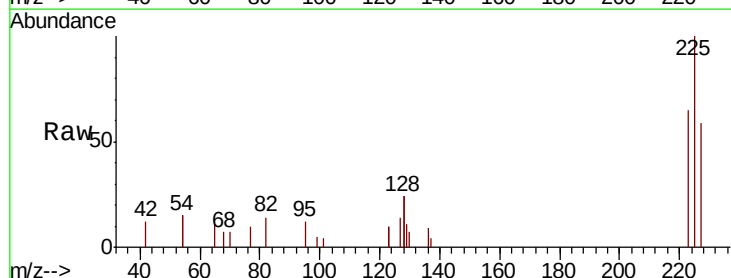
Tgt Ion:225 Resp: 2151

Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

227 62.7 50.2 75.2

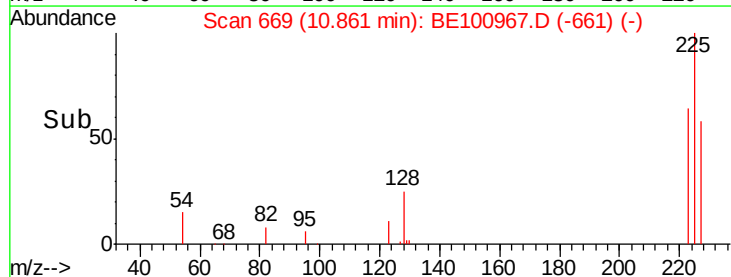
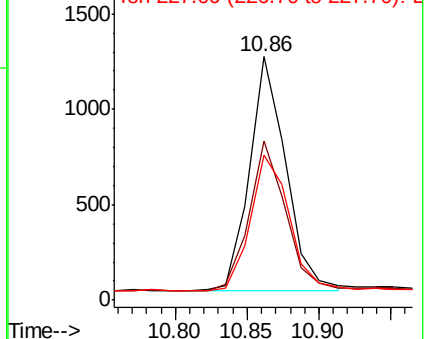


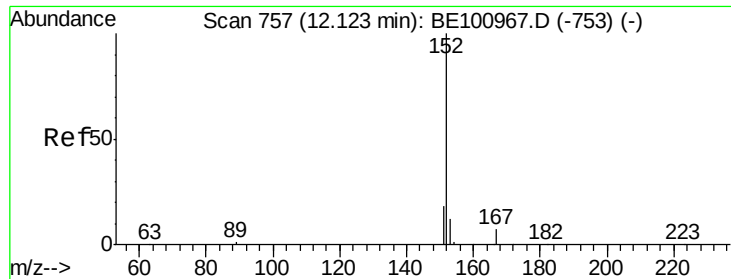
Abundance

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

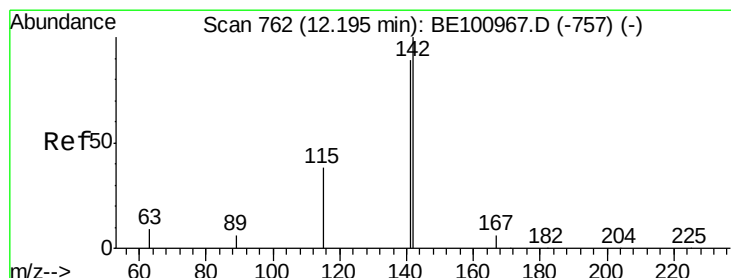
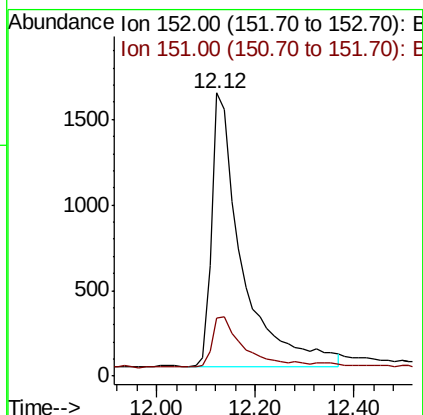
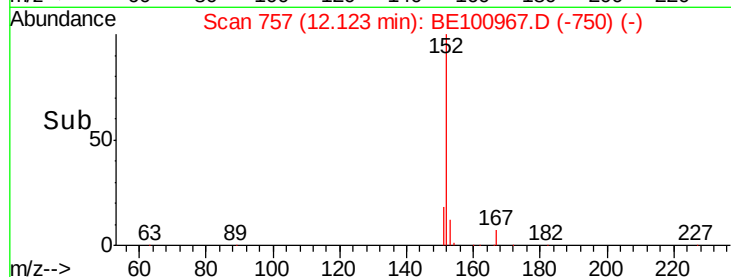
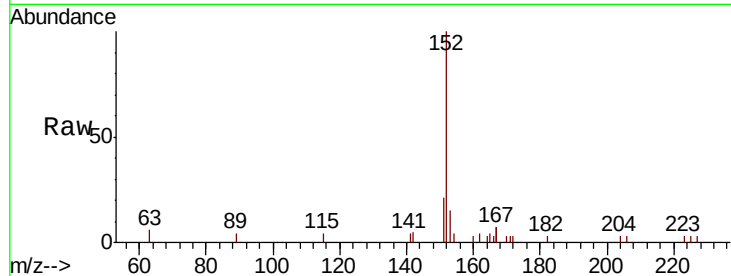




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

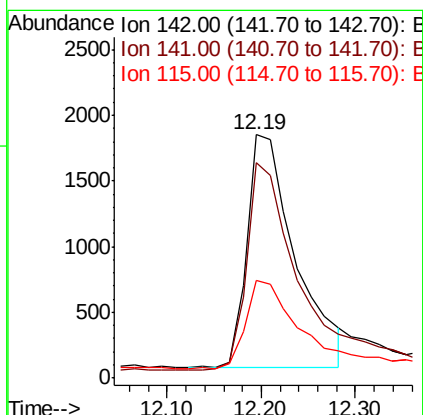
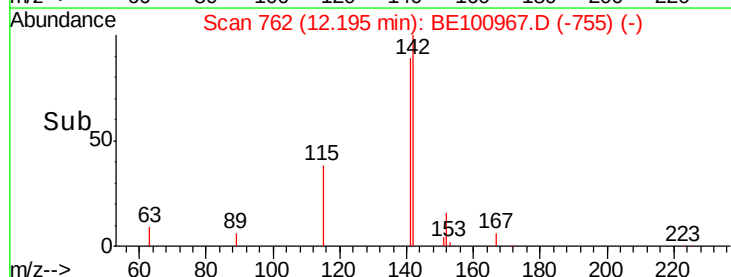
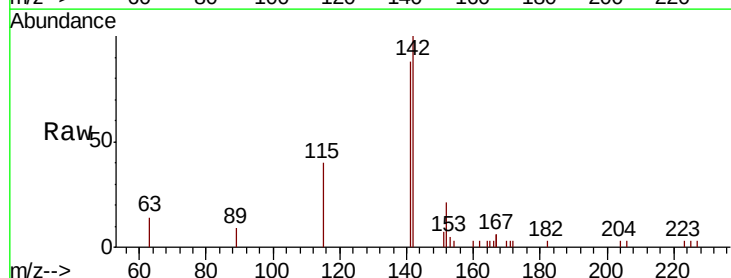
Instrument :
BNA_E
ClientSampleId :

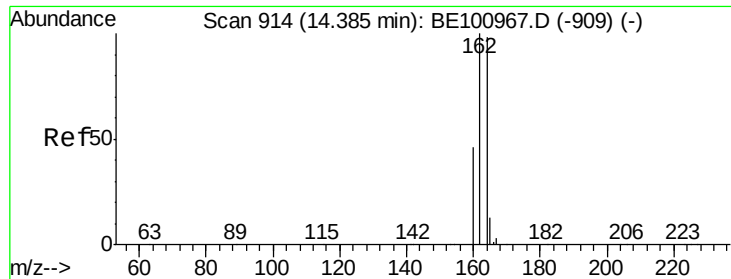
Tot Ion:152 Resp: 6750
Ion Ratio Lower Upper
152 100
151 18.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:142 Resp: 6353
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 40.0 32.0 48.0

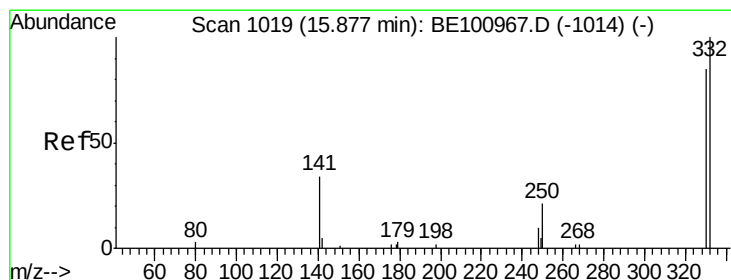
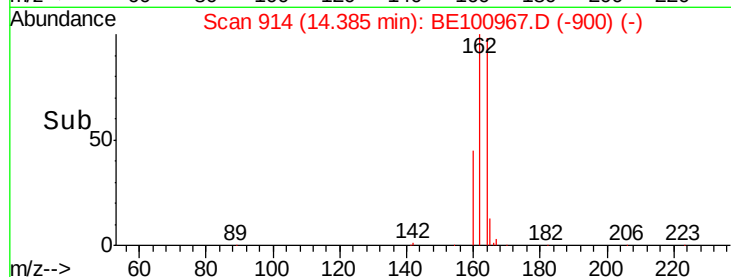
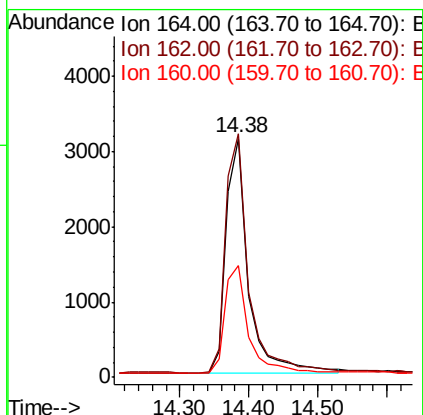
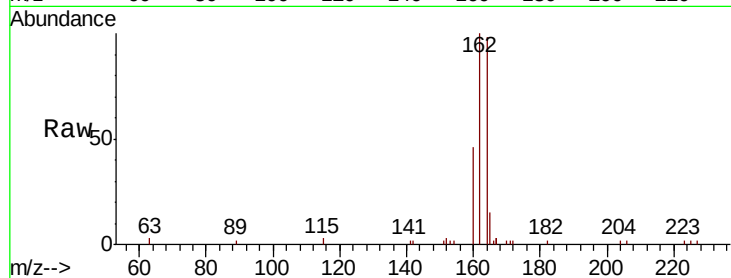




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

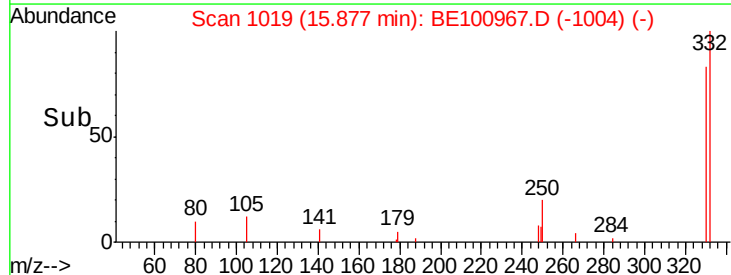
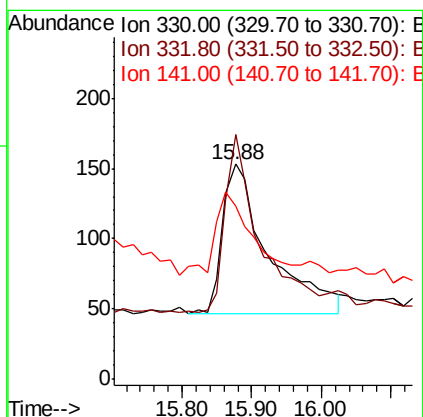
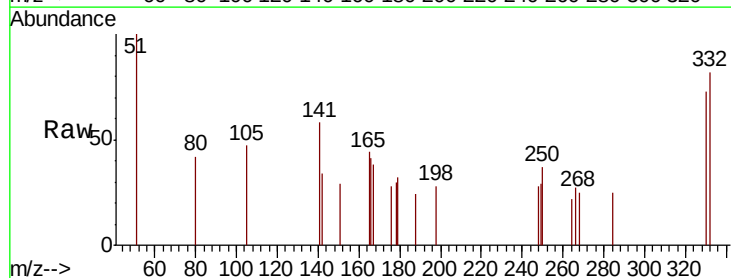
Instrument :
BNA_E
ClientSampleId :

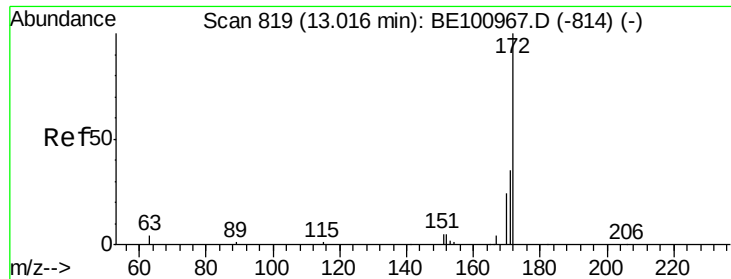
Tot Ion:164 Resp: 7016
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 47.1 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:330 Resp: 494
Ion Ratio Lower Upper
330 100
332 90.5 72.4 108.6
141 31.8 25.4 38.2

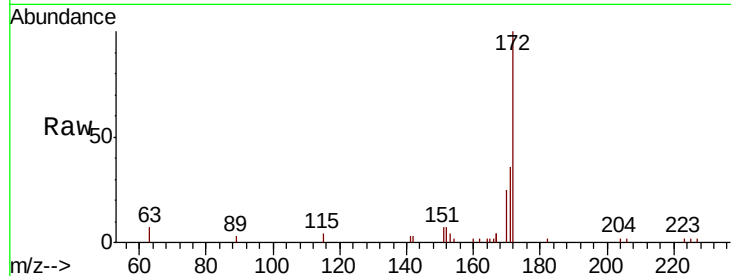




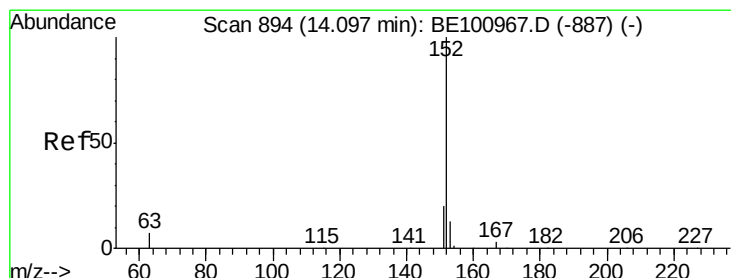
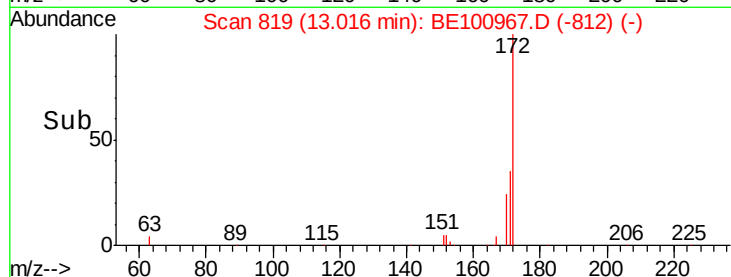
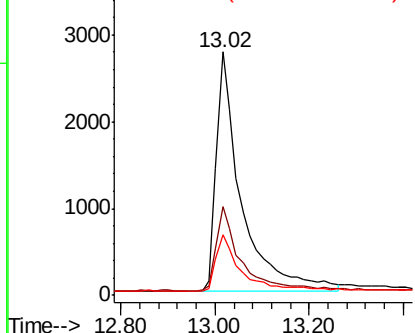
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 10147
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 25.0 20.0 30.0

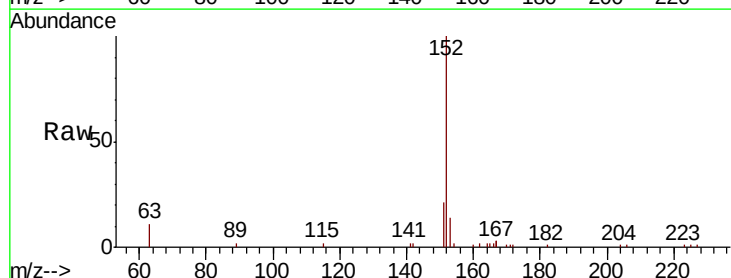


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

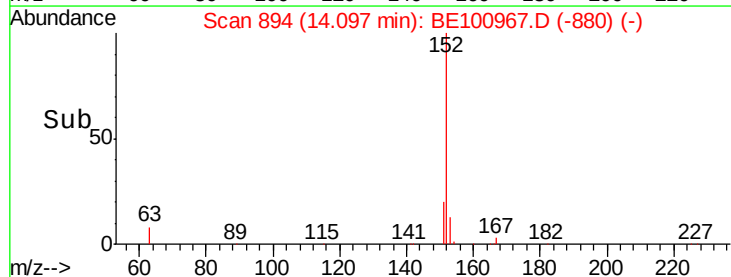
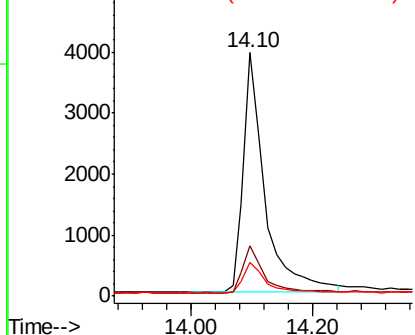


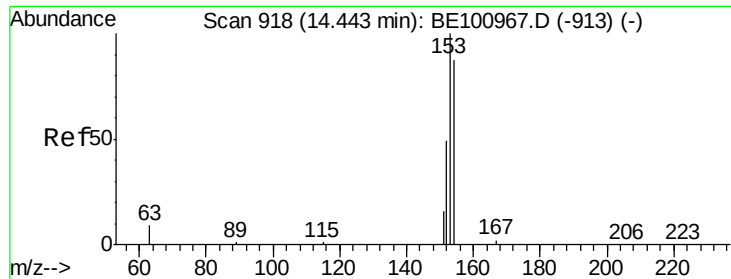
#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:152 Resp: 9744
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.1 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

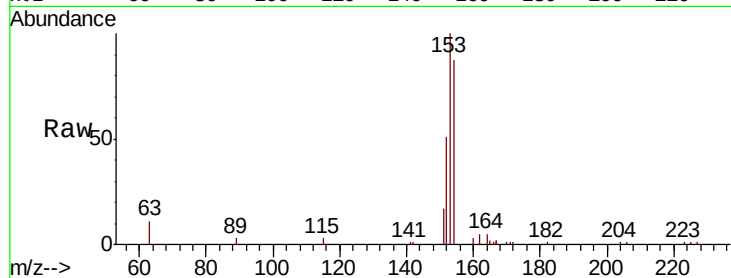




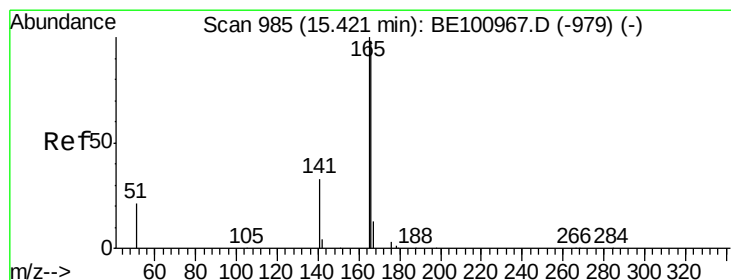
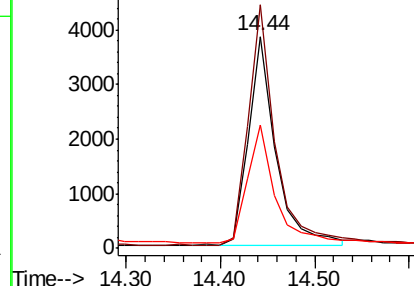
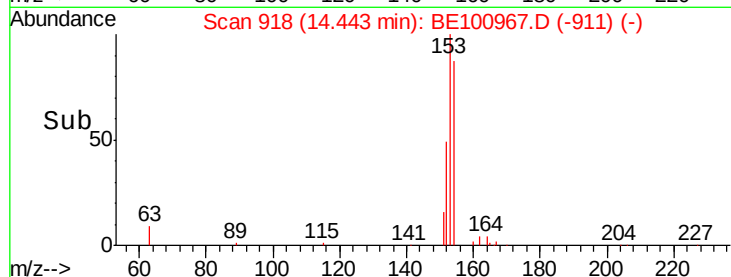
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 7695
Ion Ratio Lower Upper
154 100
153 114.6 91.7 137.5
152 55.6 44.5 66.7

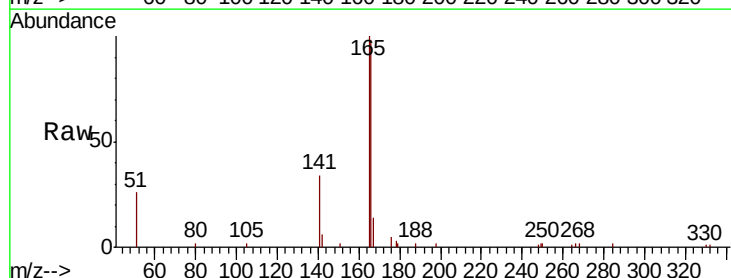


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

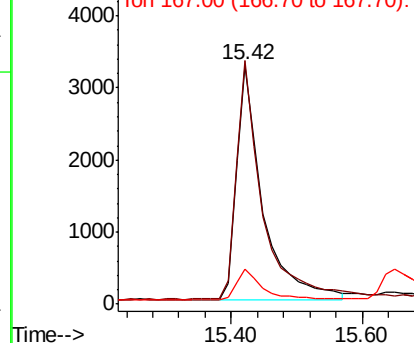
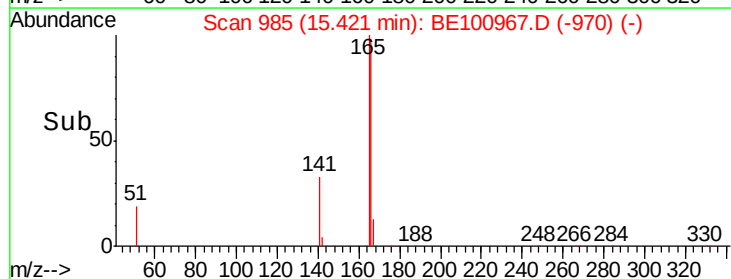


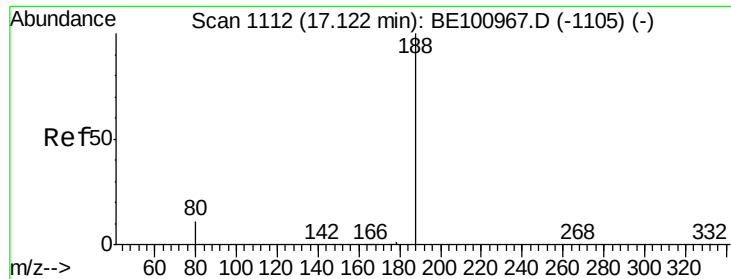
#18
Fluorene
Concen: 0.370 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:166 Resp: 9209
Ion Ratio Lower Upper
166 100
165 99.2 79.4 119.0
167 13.2 10.6 15.8



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

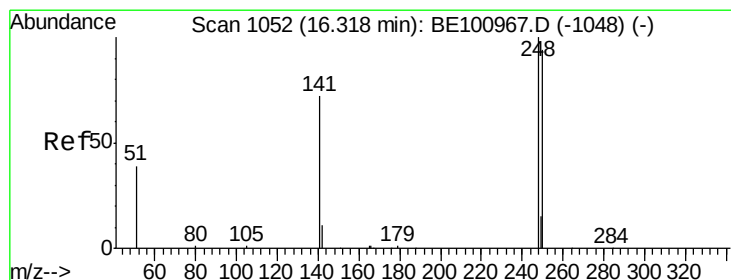
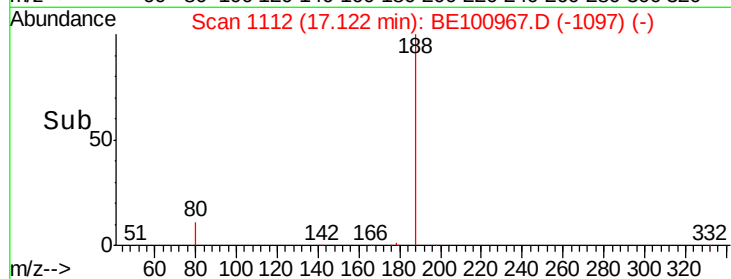
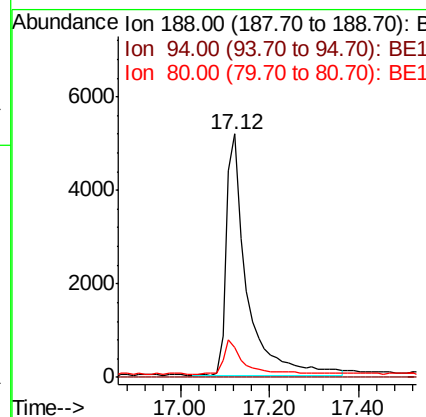
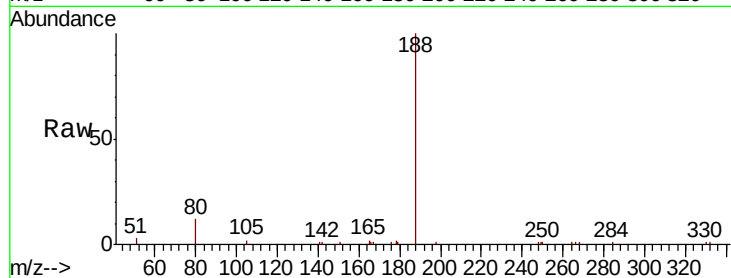




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.12 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE100967.D
 Acq: 24 Dec 2019 10:26

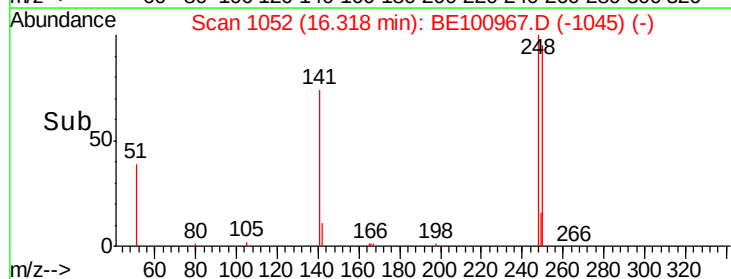
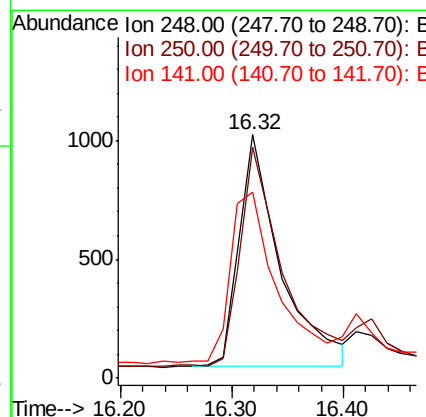
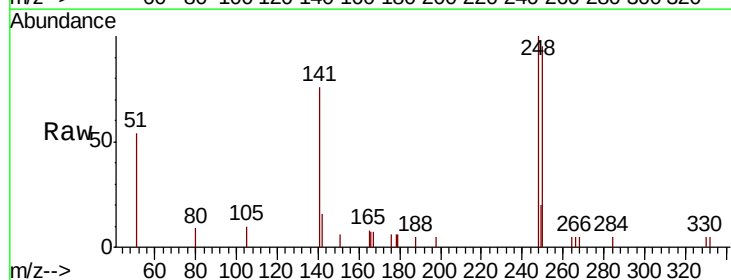
Instrument :
 BNA_E
 ClientSampleId :

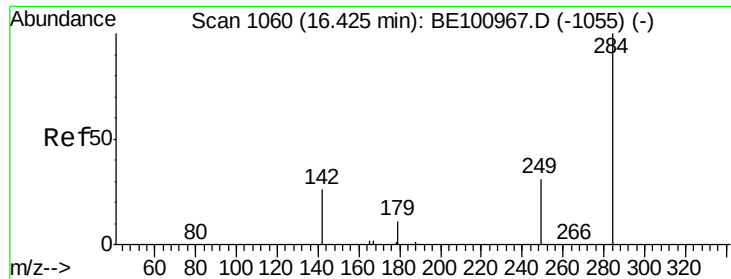
Tot Ion:188 Resp: 16256
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.1 9.7 14.5



#20
 4-Bromophenyl-phenylether
 Concen: 0.348 ng
 RT: 16.32 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BE100967.D
 Acq: 24 Dec 2019 10:26

Tgt Ion:248 Resp: 2516
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.0 114.0
 141 76.3 61.0 91.6





#21

Hexachlorobenzene

Concen: 0.394 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

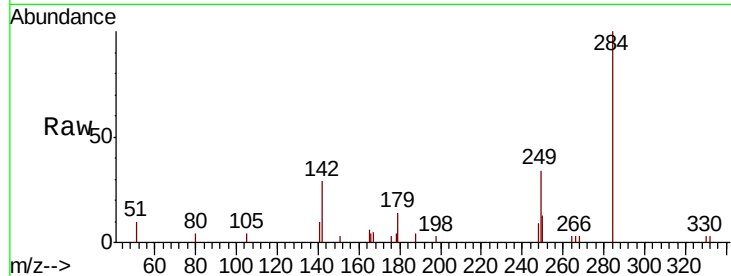
Tot Ion:284 Resp: 3251

Ion Ratio Lower Upper

284 100

142 41.6 33.3 49.9

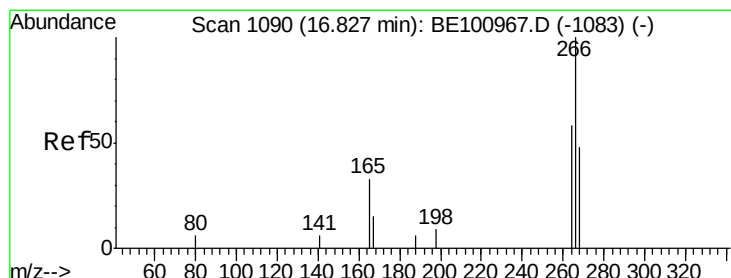
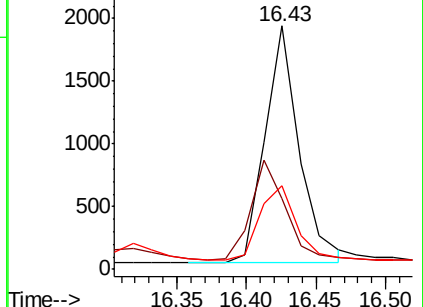
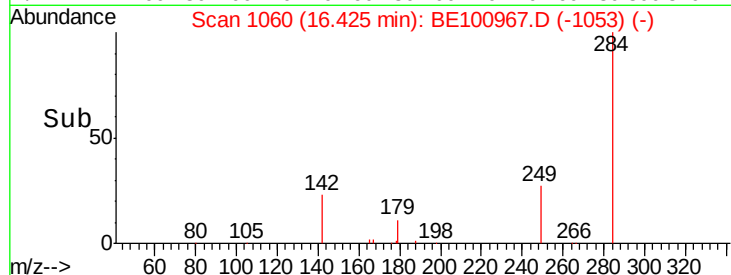
249 34.0 27.2 40.8



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: 0.150 ng

RT: 16.83 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

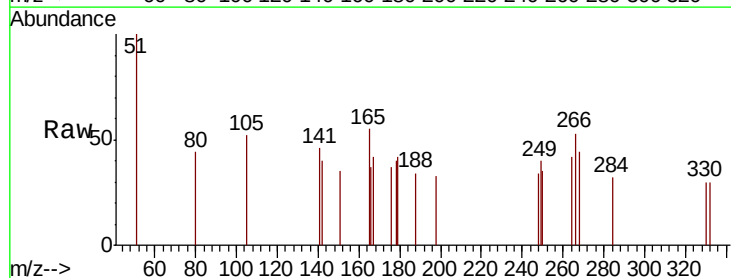
Tgt Ion:266 Resp: 183

Ion Ratio Lower Upper

266 100

264 77.9 62.3 93.5

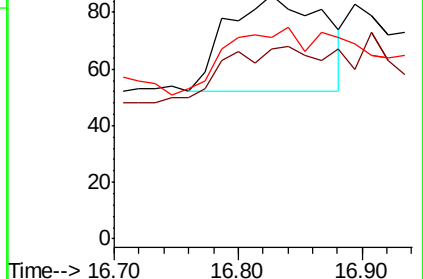
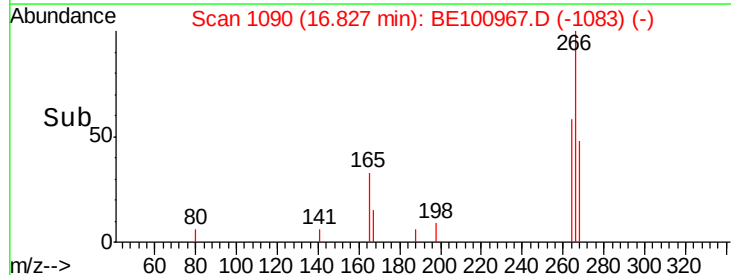
268 82.6 66.1 99.1

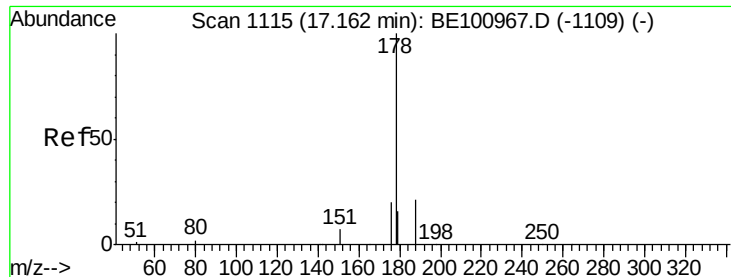


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.353 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

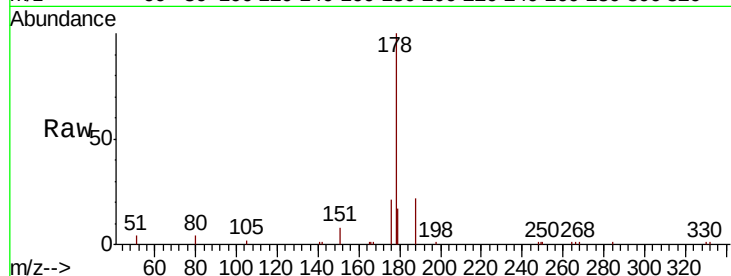
Tot Ion:178 Resp: 14952

Ion Ratio Lower Upper

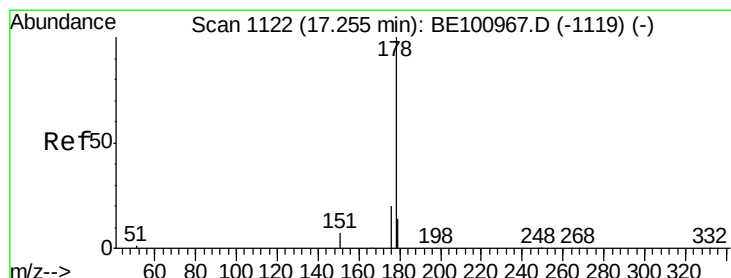
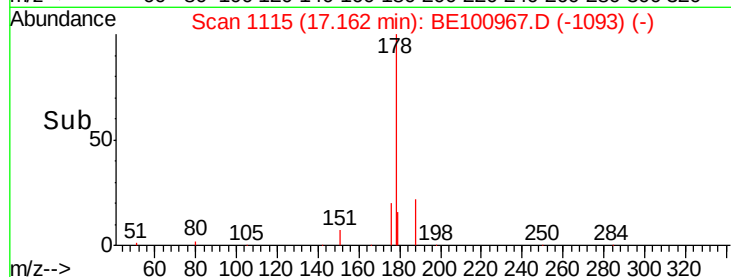
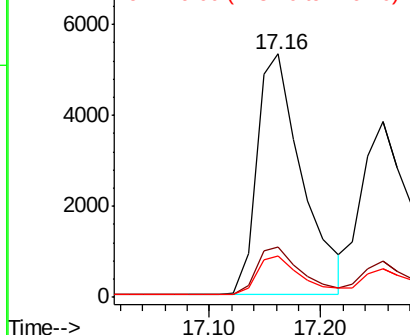
178 100

176 19.6 15.7 23.5

179 15.7 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: 0.322 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

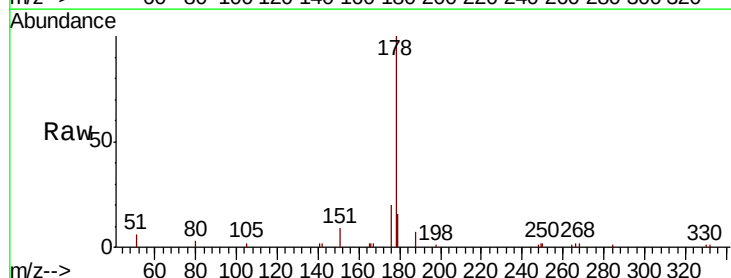
Tgt Ion:178 Resp: 9177

Ion Ratio Lower Upper

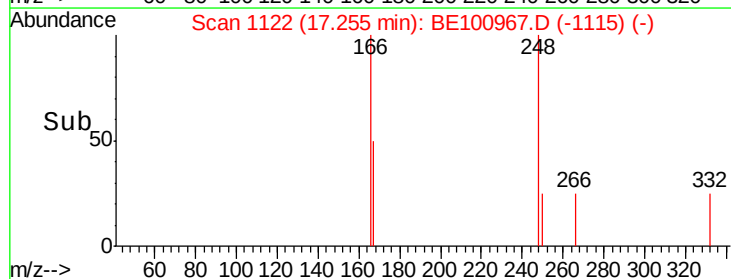
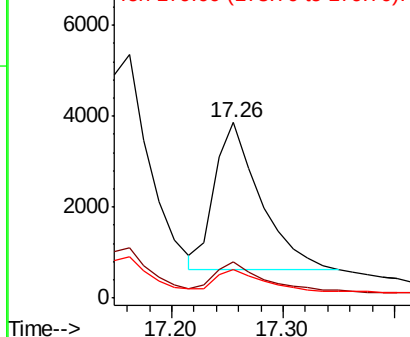
178 100

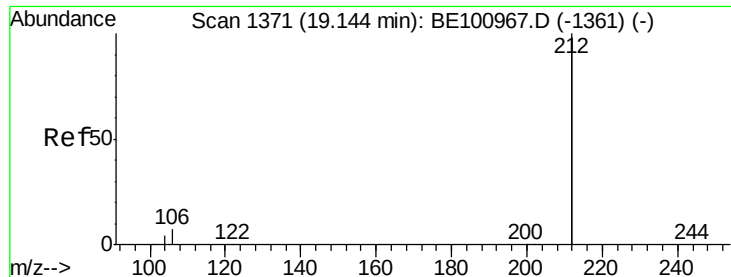
176 18.7 15.0 22.4

179 15.6 12.5 18.7



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: 0.361 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

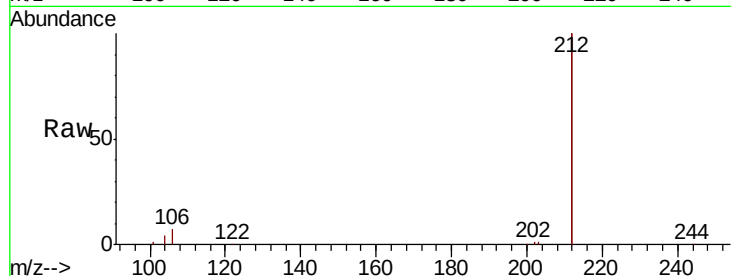
Tot Ion:212 Resp: 73487

Ion Ratio Lower Upper

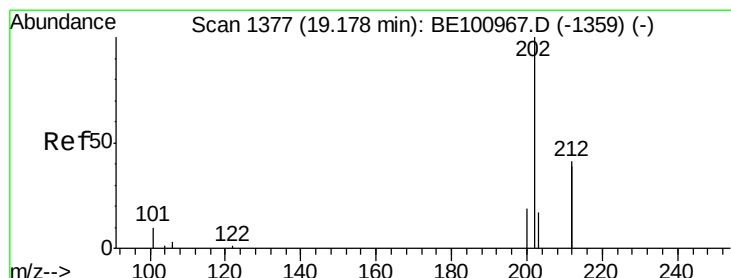
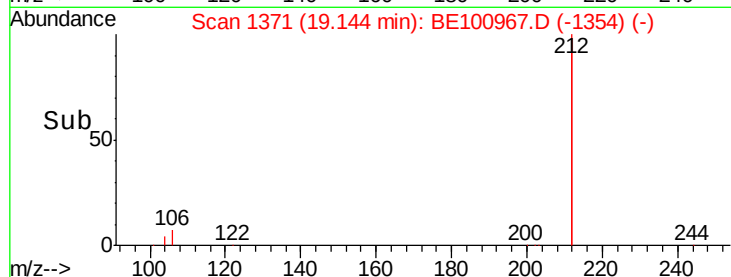
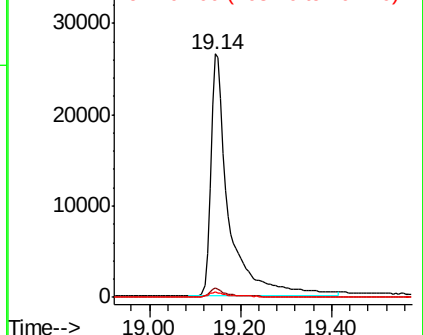
212 100

106 3.0 2.4 3.6

104 1.7 1.4 2.0



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: 0.351 ng

RT: 19.18 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

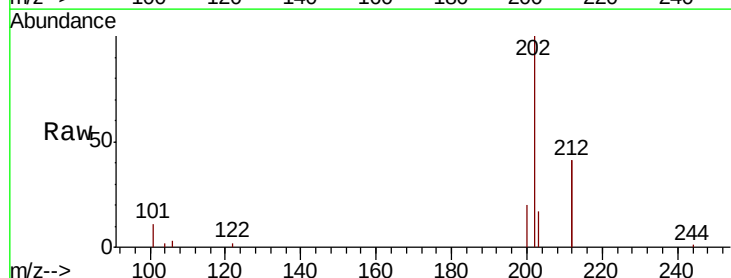
Tgt Ion:202 Resp: 20645

Ion Ratio Lower Upper

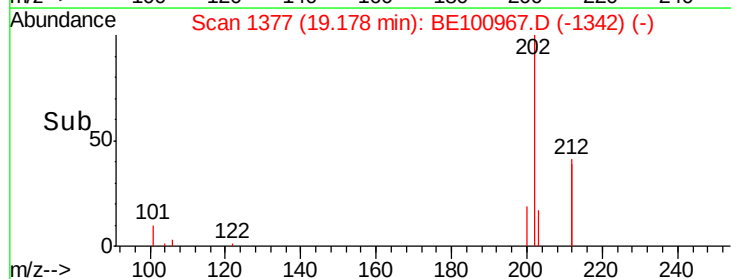
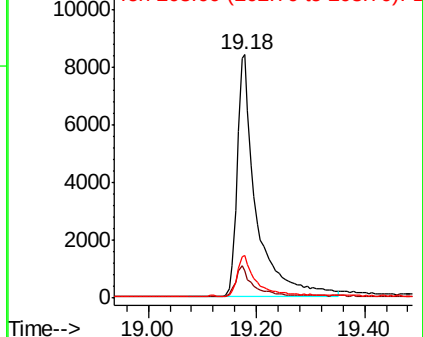
202 100

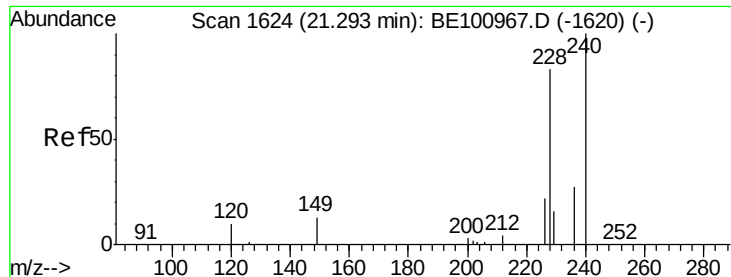
101 11.2 9.0 13.4

203 16.5 13.2 19.8



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

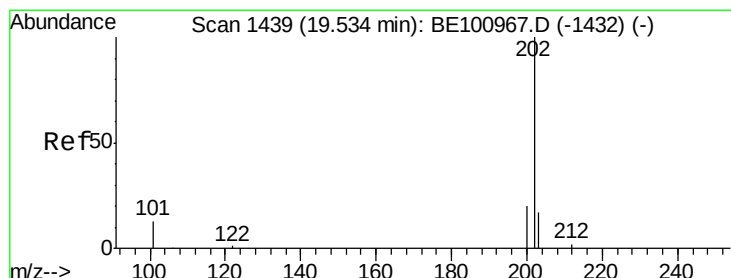
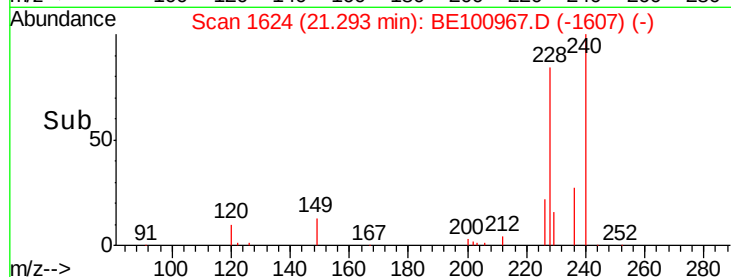
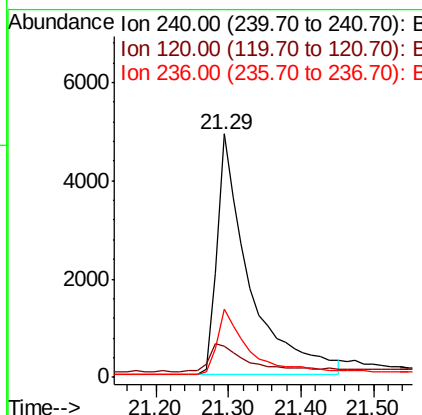
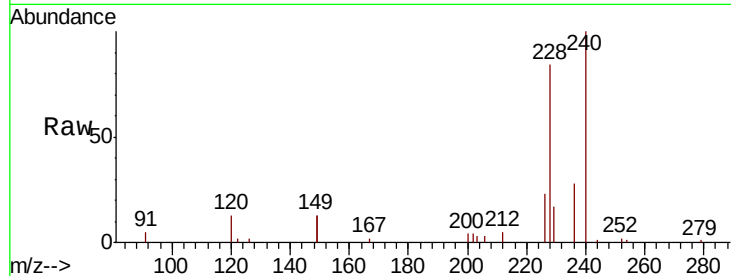




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100967.D
 Acq: 24 Dec 2019 10:26

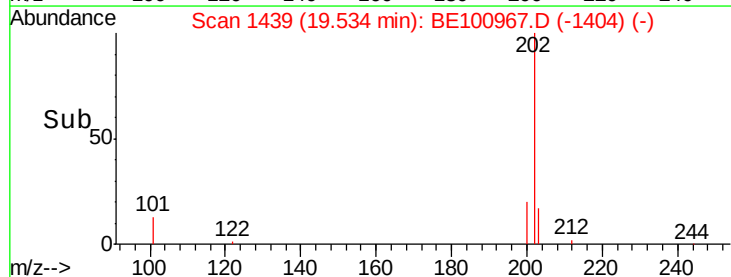
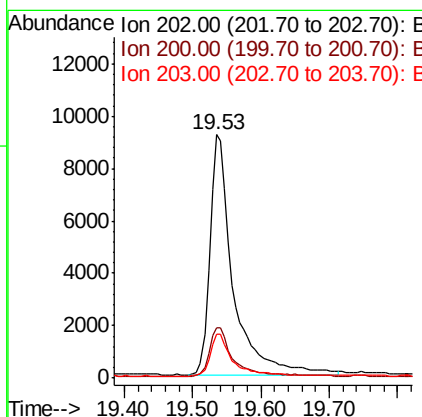
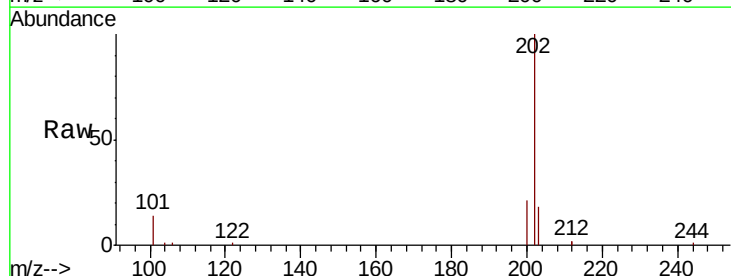
Instrument :
 BNA_E
 ClientSampleId :

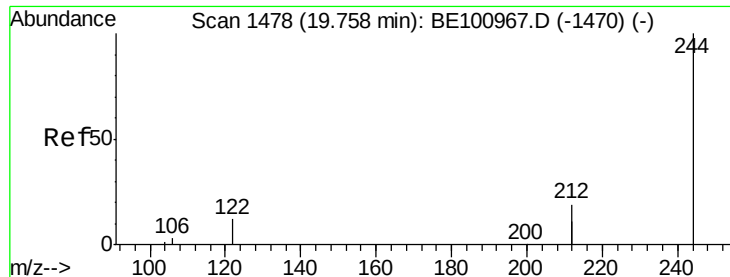
Tot Ion:240 Resp: 15320
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.2 15.4
 236 28.3 22.6 34.0



#28
 Pyrene
 Concen: 0.399 ng
 RT: 19.53 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE100967.D
 Acq: 24 Dec 2019 10:26

Tgt Ion:202 Resp: 21851
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 17.2 13.8 20.6





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

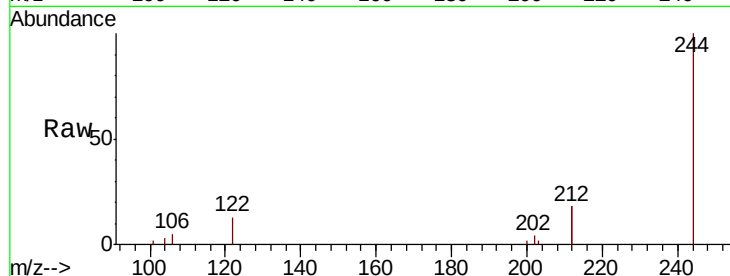
Tot Ion:244 Resp: 13861

Ion Ratio Lower Upper

244 100

212 36.6 29.3 43.9

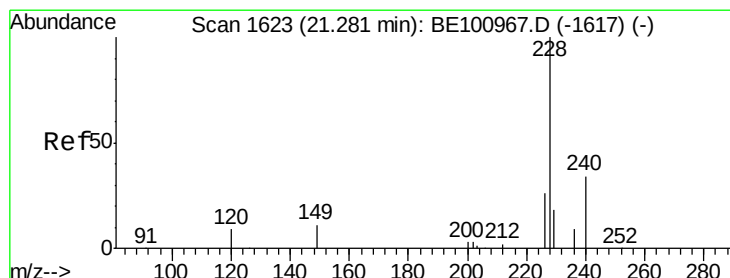
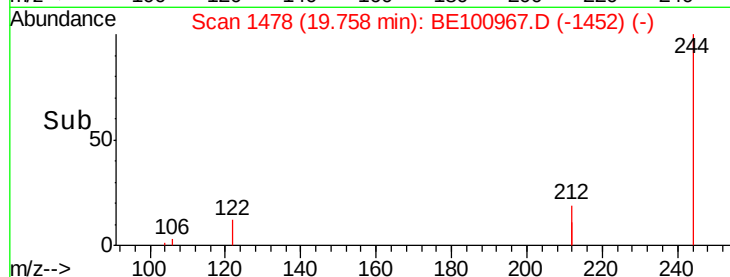
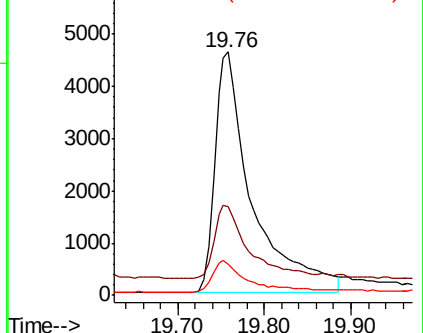
122 12.8 10.2 15.4



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: 0.325 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

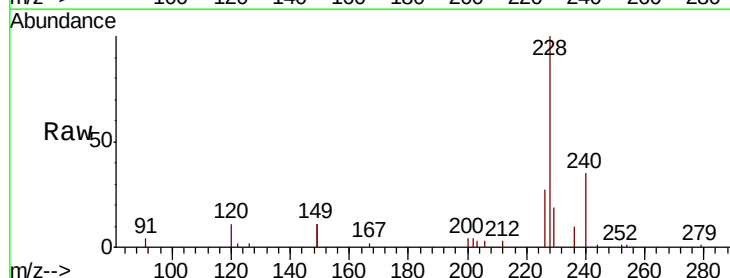
Tgt Ion:228 Resp: 13051

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

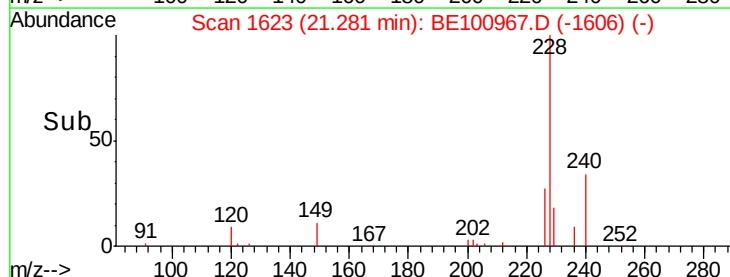
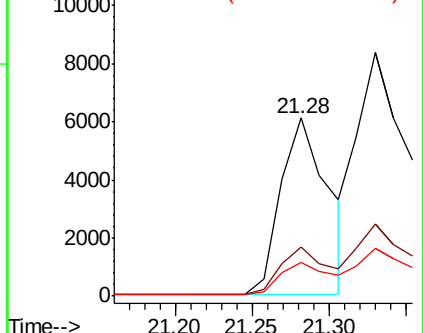
229 19.2 15.4 23.0

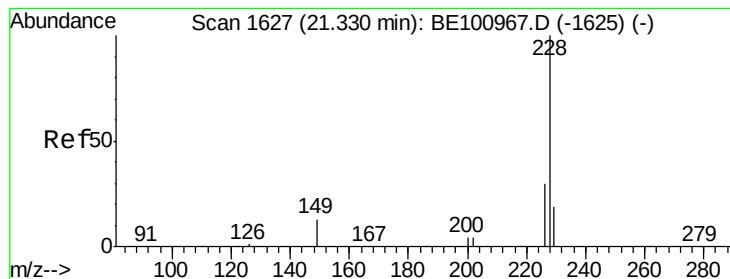


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.383 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

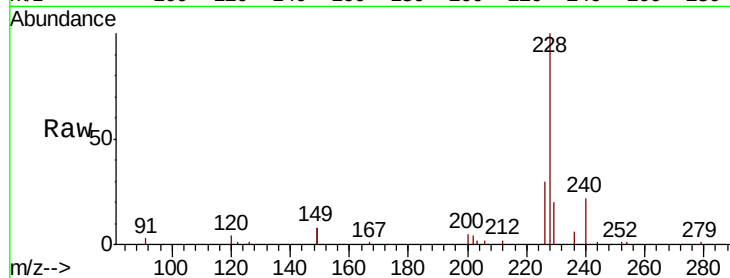
Tot Ion:228 Resp: 19366

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

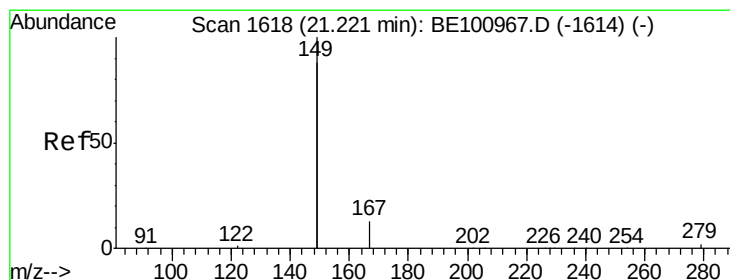
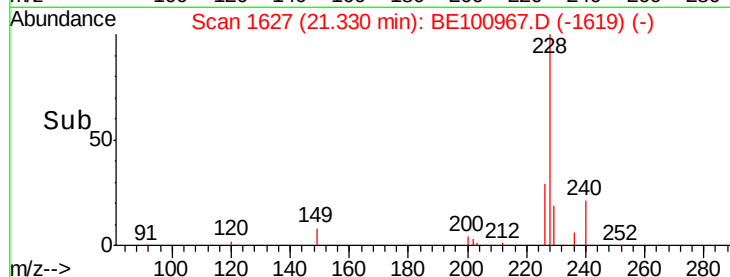
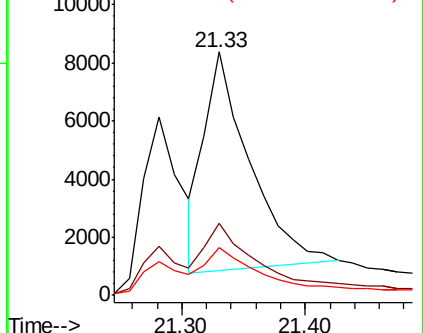
229 19.6 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.206 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

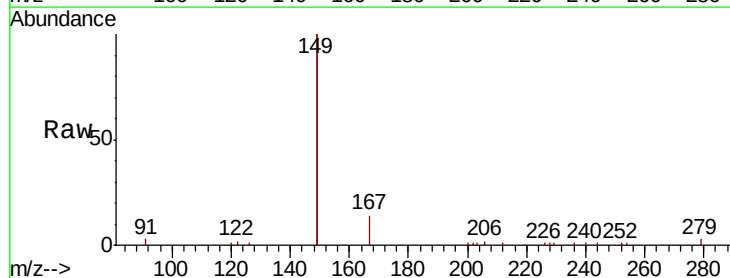
Tgt Ion:149 Resp: 26075

Ion Ratio Lower Upper

149 100

167 6.4 5.1 7.7

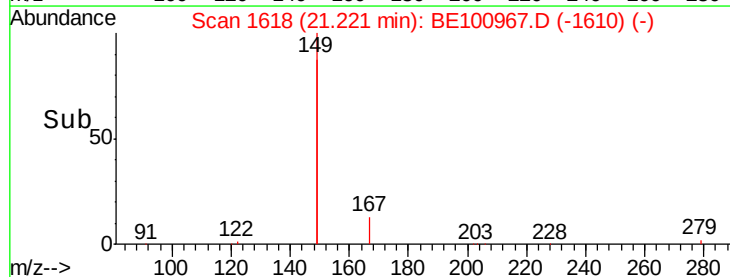
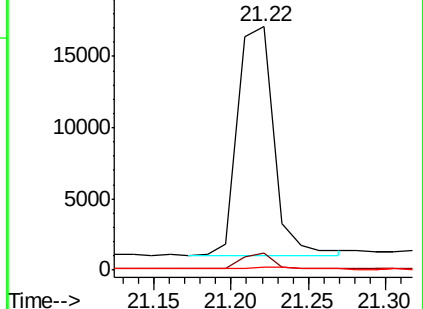
279 0.8 0.6 1.0

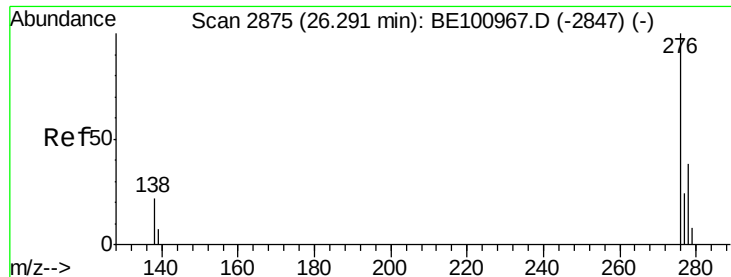


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

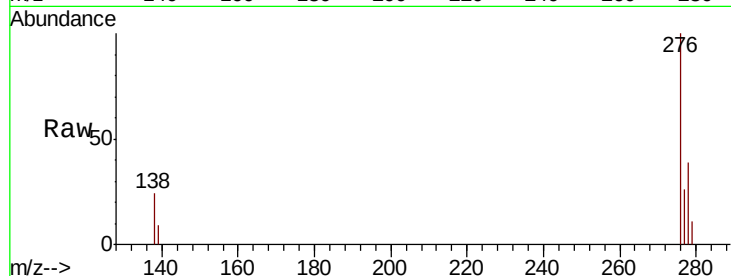




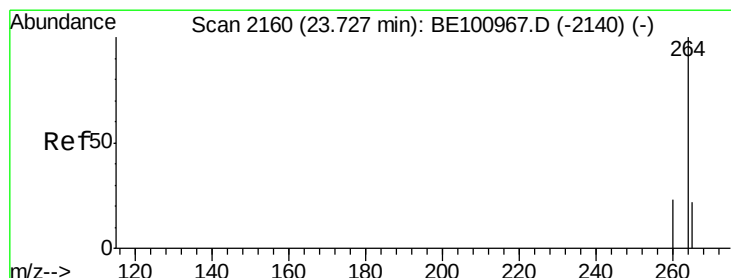
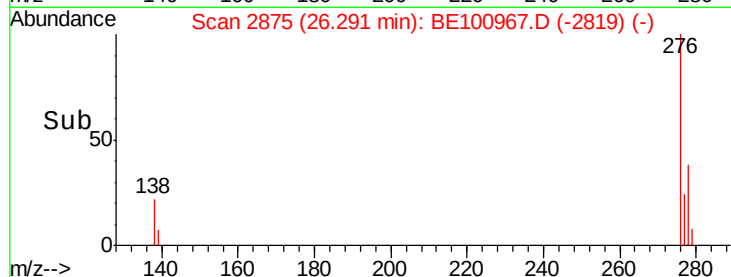
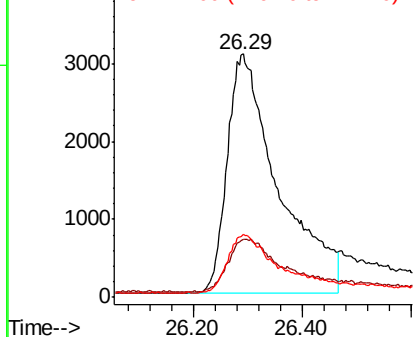
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.379 ng
 RT: 26.29 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BE100967.D
 Acq: 24 Dec 2019 10:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 20085
 Ion Ratio Lower Upper
 276 100
 138 18.5 14.8 22.2
 277 22.5 18.0 27.0

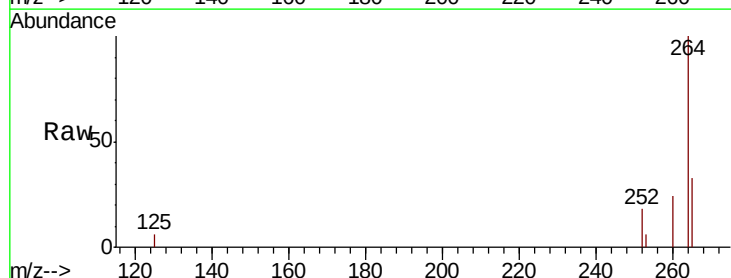


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

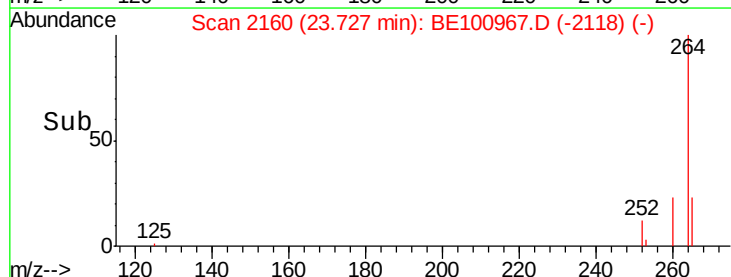
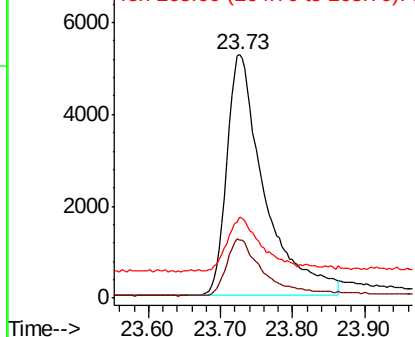


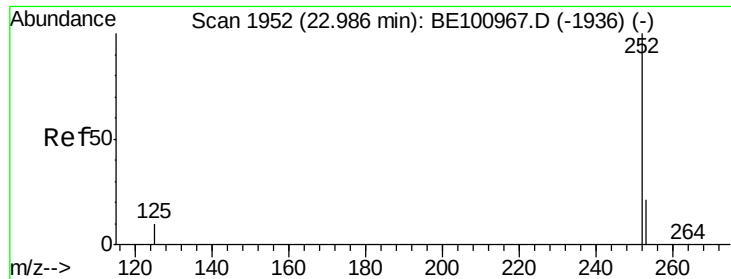
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BE100967.D
 Acq: 24 Dec 2019 10:26

Tgt Ion:264 Resp: 18824
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 33.3 26.6 40.0



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: 0.372 ng

RT: 22.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampled :

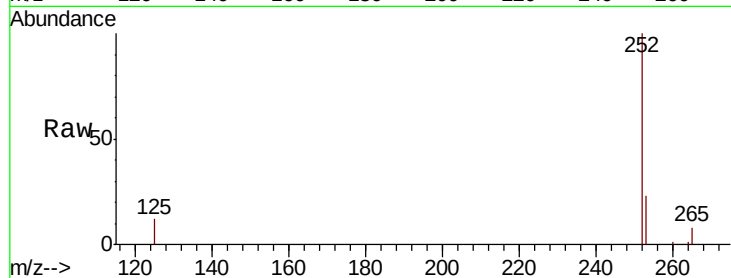
Tot Ion:252 Resp: 15518

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

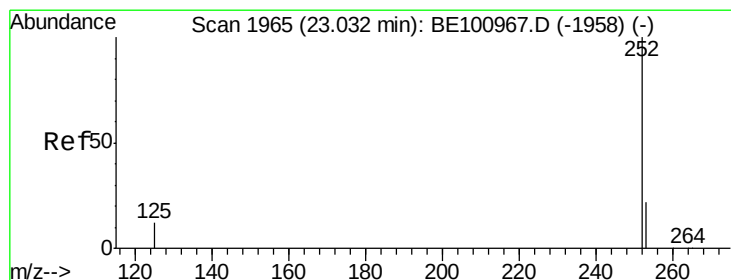
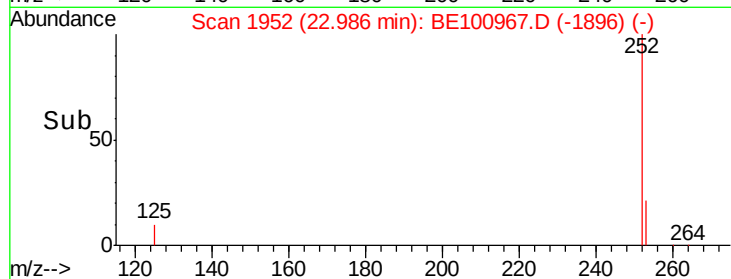
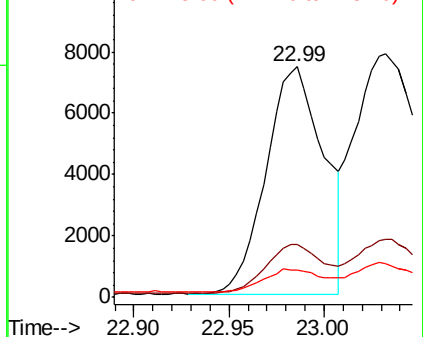
125 12.1 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.478 ng

RT: 23.03 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

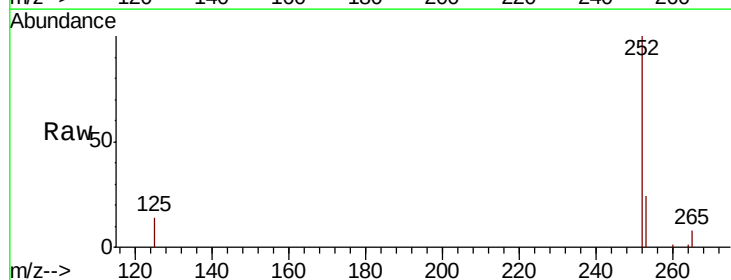
Tgt Ion:252 Resp: 26654

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

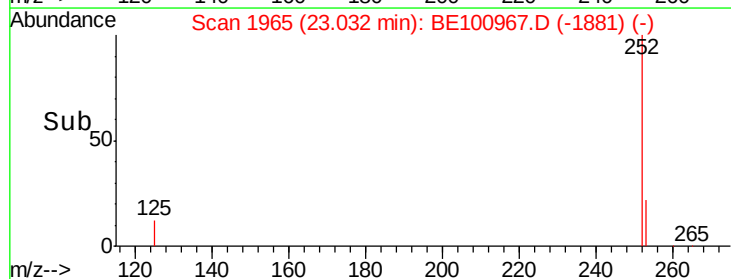
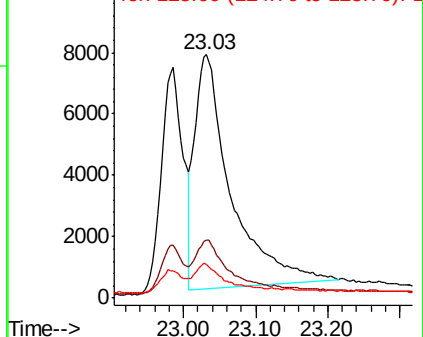
125 14.0 11.2 16.8

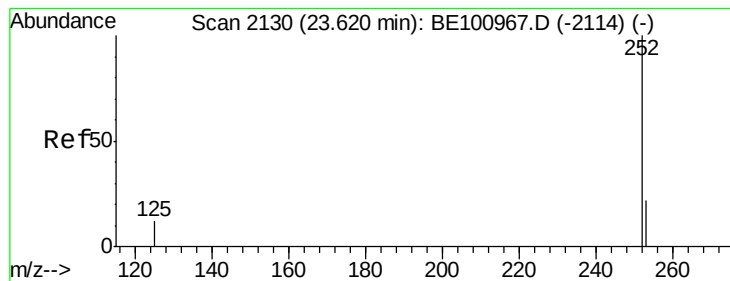


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

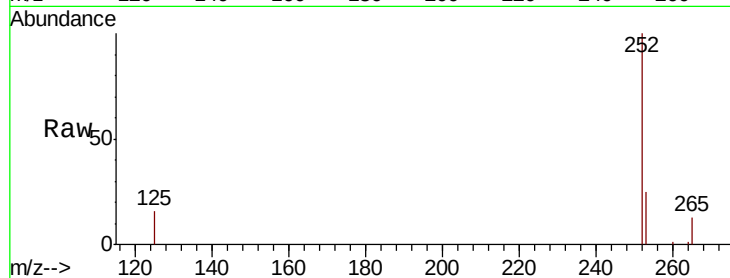
Tot Ion:252 Resp: 18078

Ion Ratio Lower Upper

252 100

253 25.1 20.1 30.1

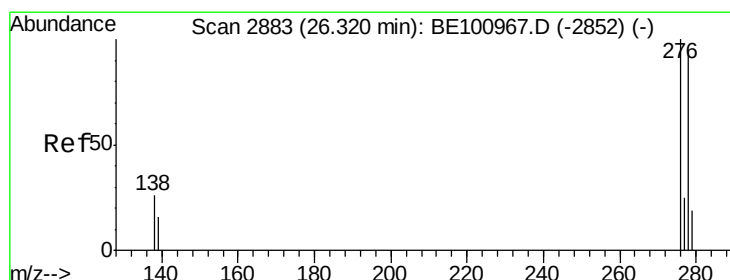
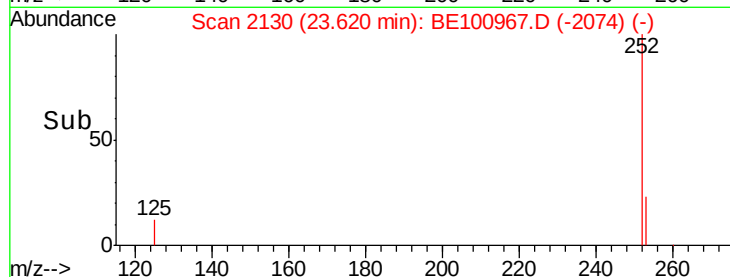
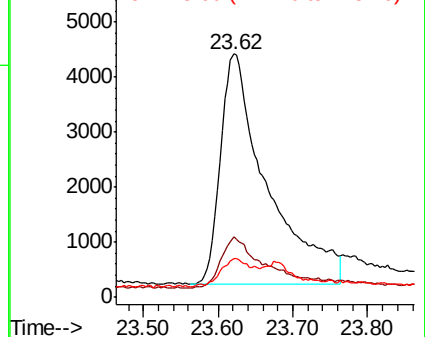
125 15.7 12.6 18.8



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: 0.346 ng

RT: 26.32 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

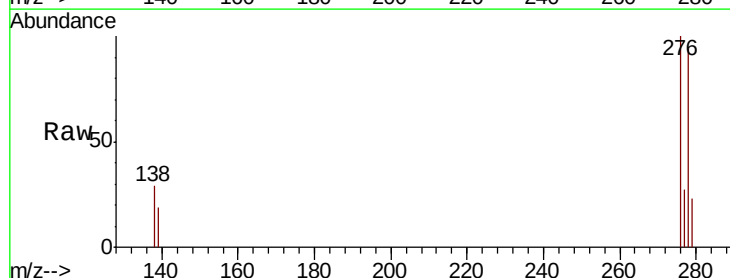
Tgt Ion:278 Resp: 13852

Ion Ratio Lower Upper

278 100

139 20.5 16.4 24.6

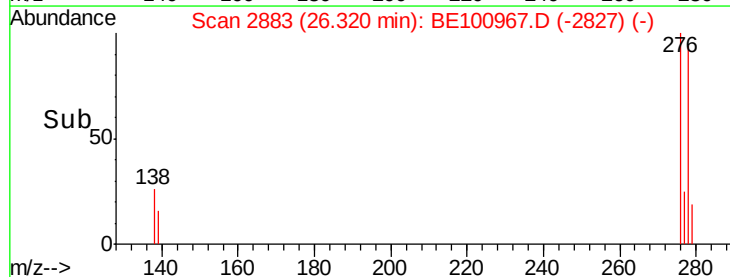
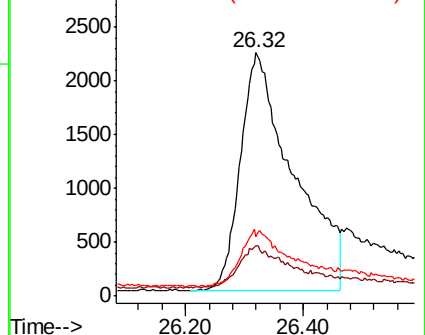
279 24.1 19.3 28.9

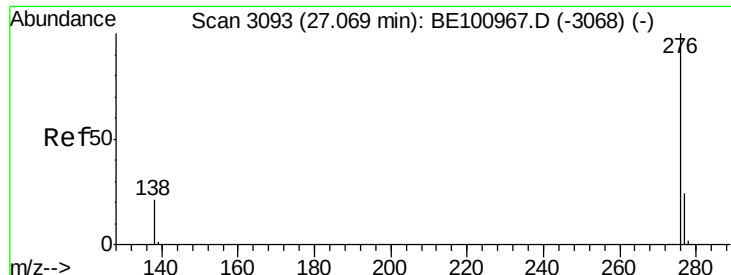


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.398 ng

RT: 27.07 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BE100967.D

Acq: 24 Dec 2019 10:26

Instrument :

BNA_E

ClientSampleId :

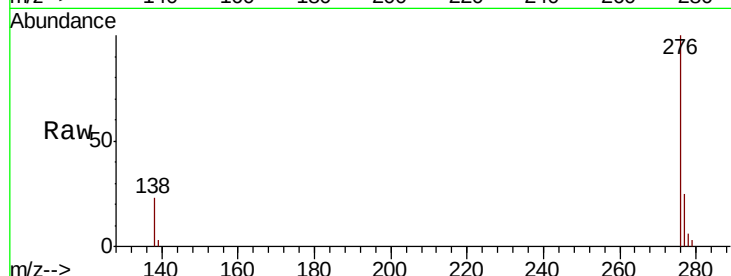
Tot Ion:276 Resp: 19707

Ion Ratio Lower Upper

276 100

277 25.0 20.0 30.0

138 23.2 18.6 27.8



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

