

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100273.D
 Acq On : 1 Jul 2019 19:43
 Operator : JU/SJ
 Sample : K3428-12DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW156-061319DL

Quant Time: Jul 02 02:22:12 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	7.64	152	815	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	3018	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2401	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6749	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8848	0.40	ng	0.00
34) Perylene-d12	23.67	264	9950	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	68	0.03	ng	0.01
5) Phenol-d6	6.85	99	84	0.03	ng	0.01
8) Nitrobenzene-d5	8.83	82	98	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	226	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	43	0.03	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	255	0.03	ng	0.00
25) Fluoranthene-d10	19.10	212	3042	0.03	ng	0.00
29) Terphenyl-d14	19.70	244	1375	0.07	ng	0.00

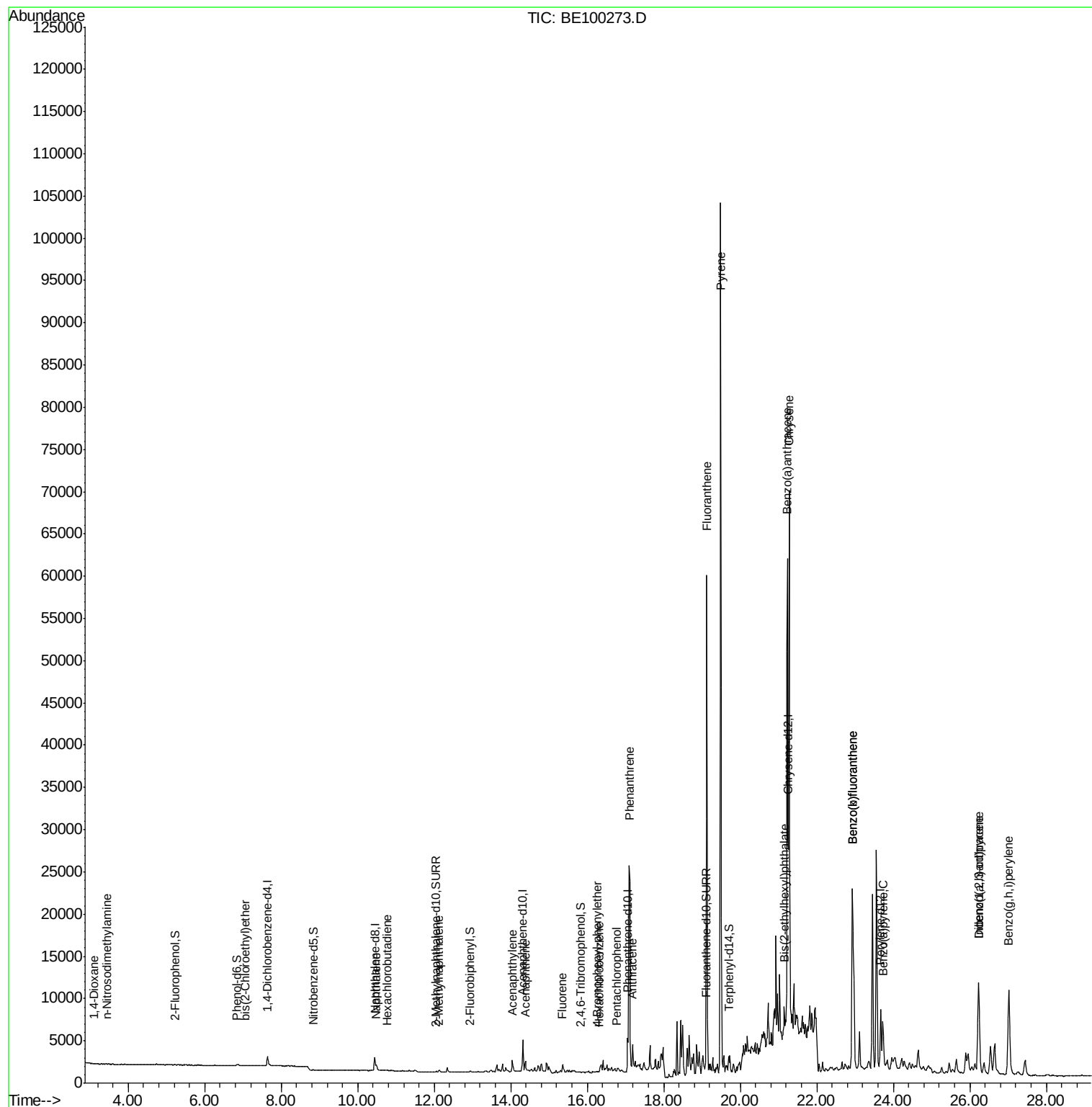
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	20	0.016	ng	# 32
3) n-Nitrosodimethylamine	3.45	42	26	0.044	ng	# 1
6) bis(2-Chloroethyl)ether	7.06	93	6	0.003	ng	# 1
9) Naphthalene	10.48	128	1317	0.040	ng	# 85
10) Hexachlorobutadiene	10.77	225	2	0.001	ng	# 20
12) 2-Methylnaphthalene	12.12	142	265	0.045	ng	# 89
16) Acenaphthylene	14.04	152	1722	0.149	ng	# 95
17) Acenaphthene	14.39	154	668	0.102	ng	# 97
18) Fluorene	15.35	166	1044	0.108	ng	# 94
20) 4-Bromophenyl-phenylether	16.25	248	6	0.001	ng	# 62
21) Hexachlorobenzene	16.32	284	6	0.001	ng	# 48
22) Pentachlorophenol	16.76	266	12	0.009	ng	# 74
23) Phenanthrene	17.09	178	31308	1.914	ng	# 99
24) Anthracene	17.19	178	4061	0.276	ng	# 93
26) Fluoranthene	19.13	202	54831	2.104	ng	# 99
28) Pyrene	19.49	202	98672	4.212	ng	# 94
30) Benzo(a)anthracene	21.23	228	52758	1.813	ng	# 97
31) Chrysene	21.28	228	61678	2.111	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2714	0.008	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.23	276	20638	0.534	ng	# 97
35) Benzo(b)fluoranthene	22.93	252	55784	2.068	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	55784	1.853	ng	# 97
37) Benzo(a)pyrene	23.72	252	7041	0.260	ng	# 94
38) Dibenzo(a,h)anthracene	26.24	278	7268	0.257	ng	# 87
39) Benzo(g,h,i)perylene	27.02	276	25568	0.881	ng	# 100

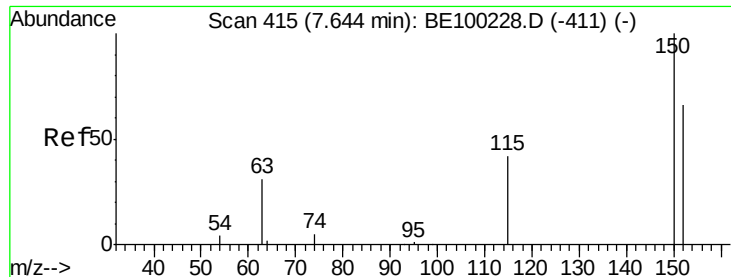
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 14:06:53 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

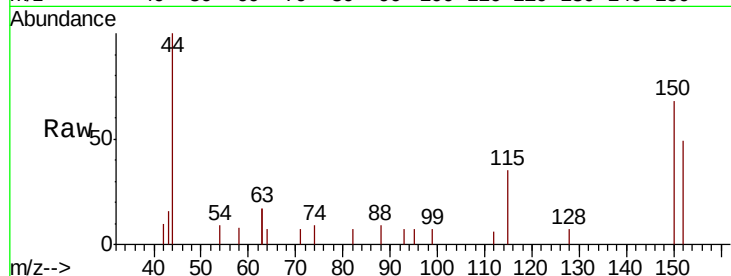
Tgt Ion: 152 Resp: 815

Ion Ratio Lower Upper

152 100

150 137.9 114.5 171.7

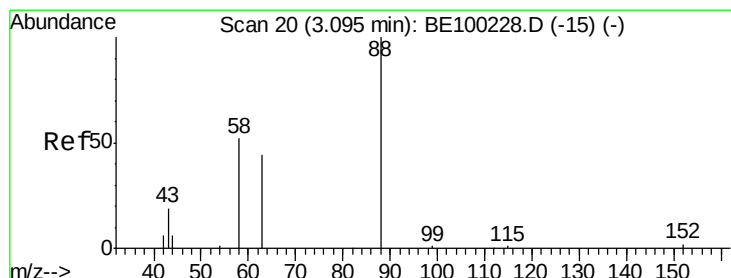
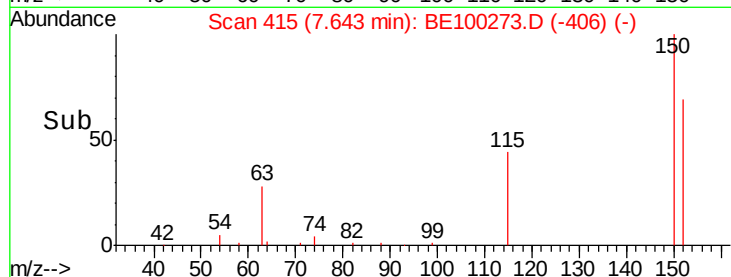
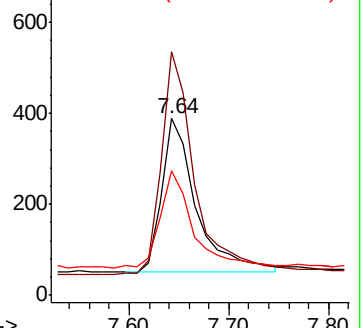
115 70.4 57.1 85.7



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: 0.016 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

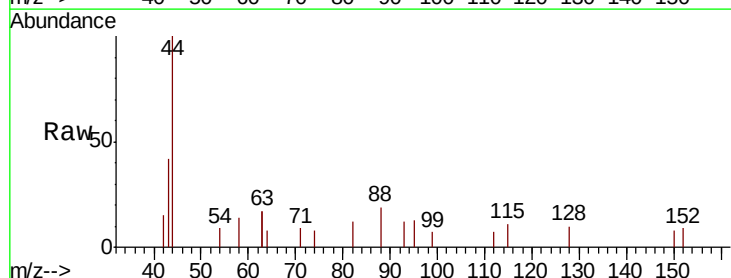
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

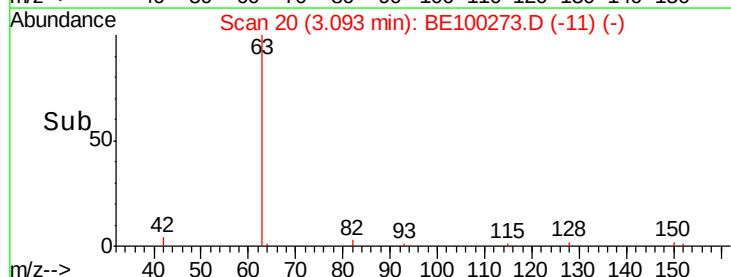
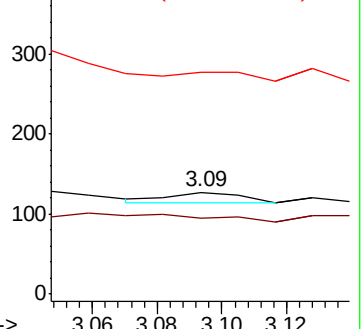
43 0.0 21.4 32.0#

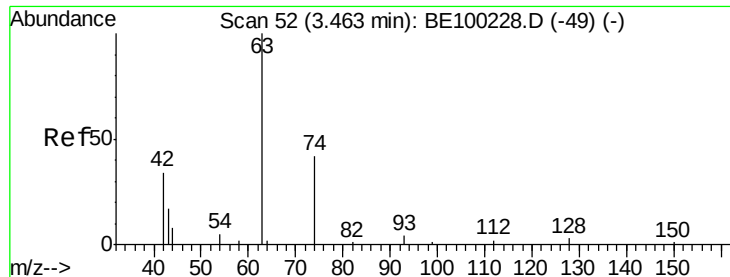


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

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ClientSampleId :

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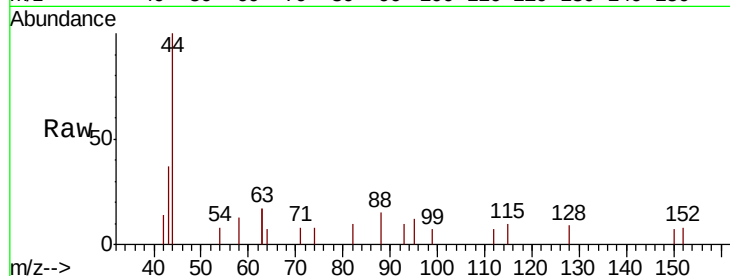
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

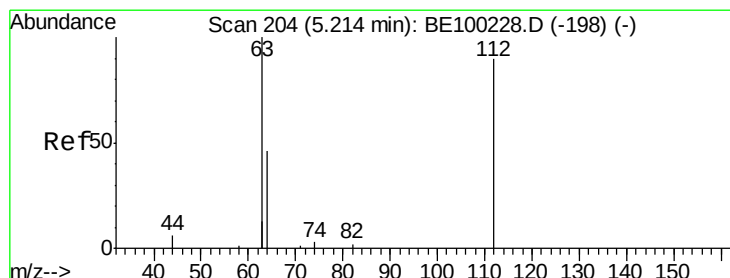
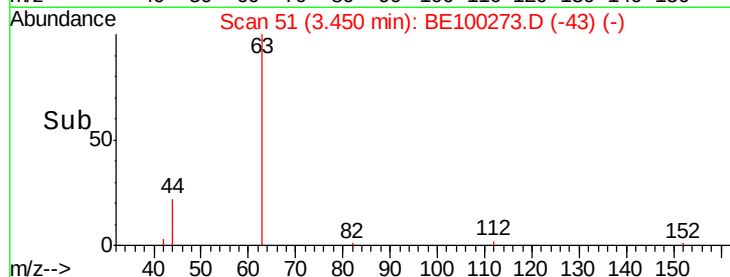
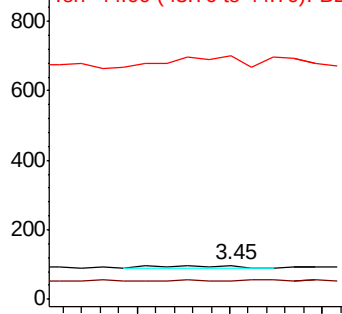
42 100

74 0.0 130.6 196.0#

44 330.8 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: 0.033 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

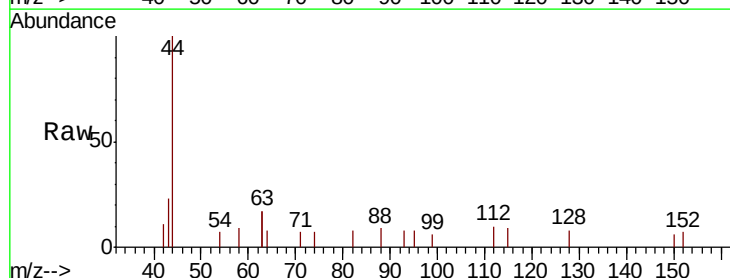
Tgt Ion: 112 Resp: 68

Ion Ratio Lower Upper

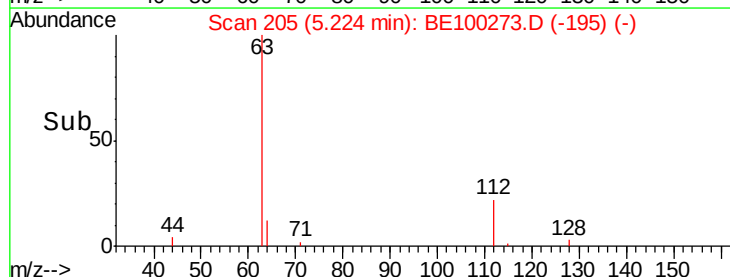
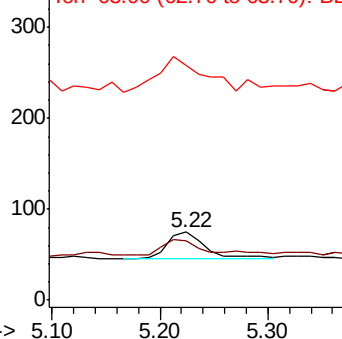
112 100

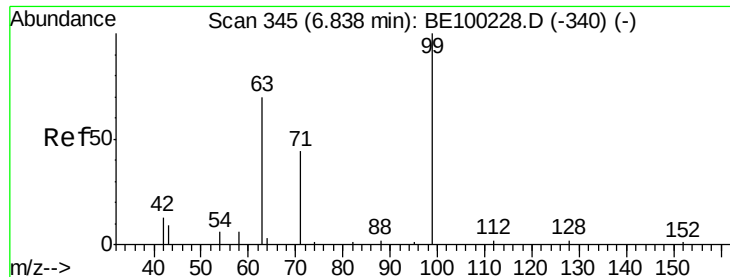
64 51.5 39.4 59.0

63 172.1 104.5 156.7#



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: 0.031 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

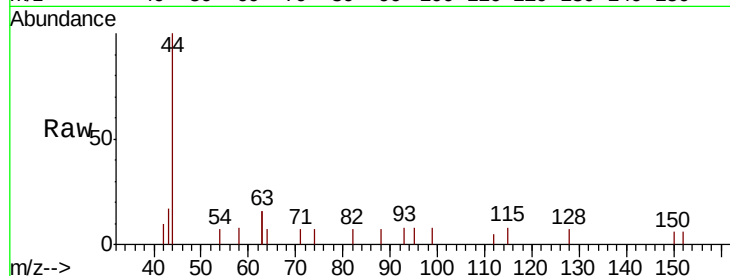
Tgt Ion: 99 Resp: 84

Ion Ratio Lower Upper

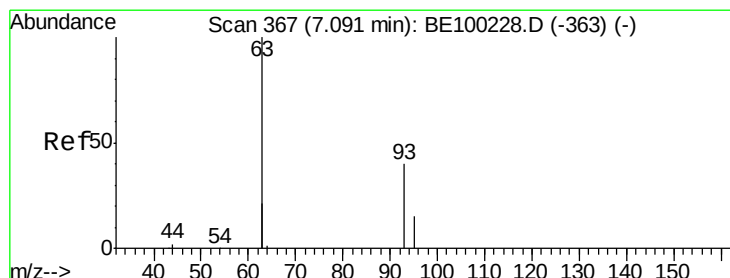
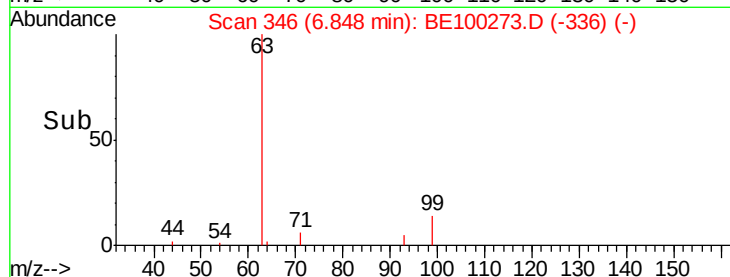
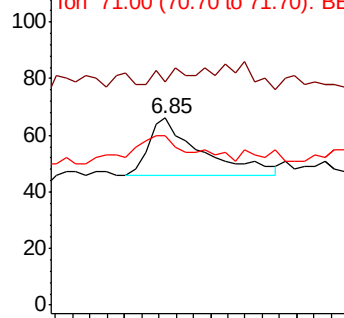
99 100

42 14.3 11.2 16.8

71 0.0 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: 0.003 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.04 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

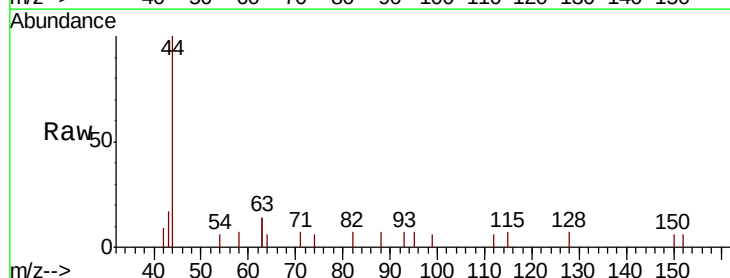
Tgt Ion: 93 Resp: 6

Ion Ratio Lower Upper

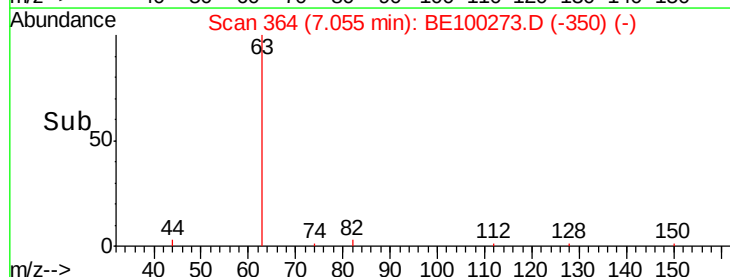
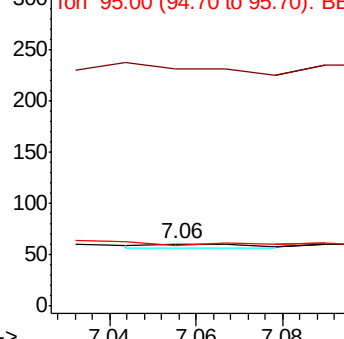
93 100

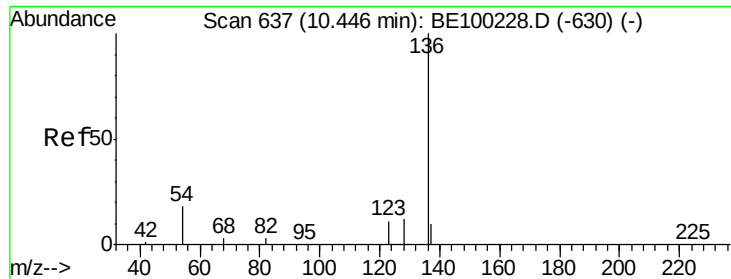
63 366.7 155.6 233.4#

95 0.0 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: 10.44 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

Tgt Ion:136 Resp: 3018

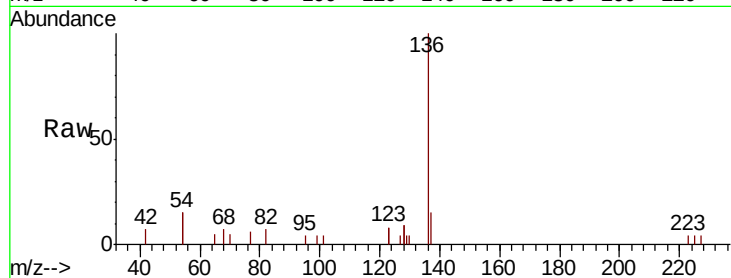
Ion Ratio Lower Upper

136 100

137 14.6 11.8 17.8

54 29.8 27.7 41.5

68 7.0 6.8 10.2

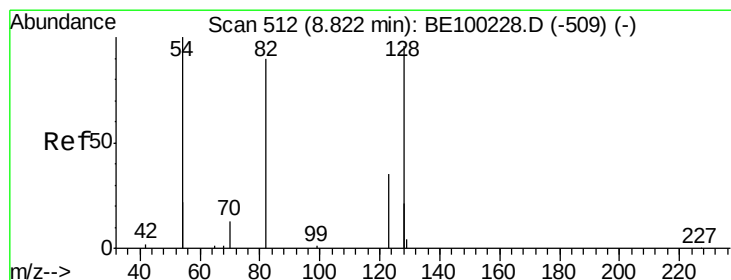
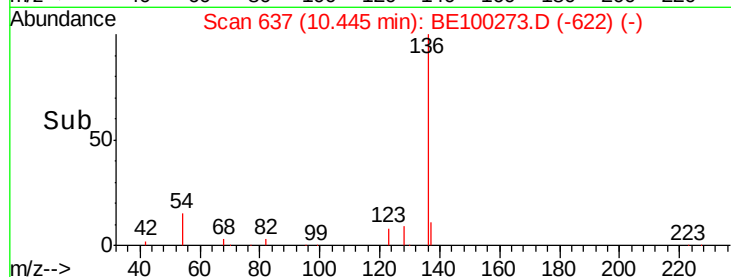
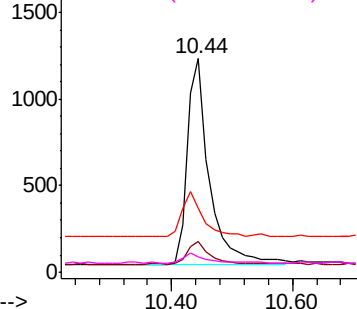


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.033 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

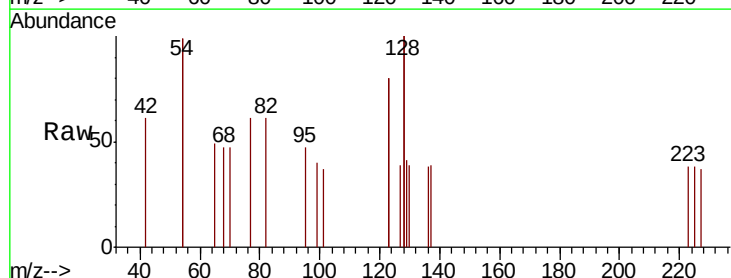
Tgt Ion: 82 Resp: 98

Ion Ratio Lower Upper

82 100

128 329.7 140.9 211.3#

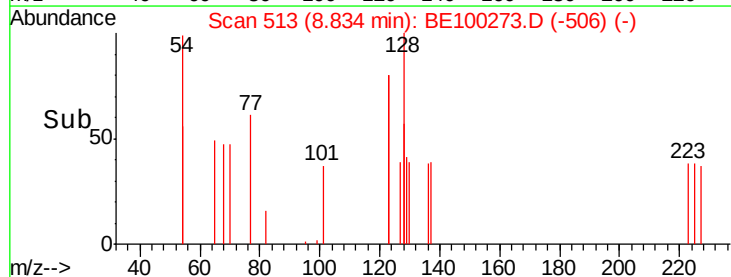
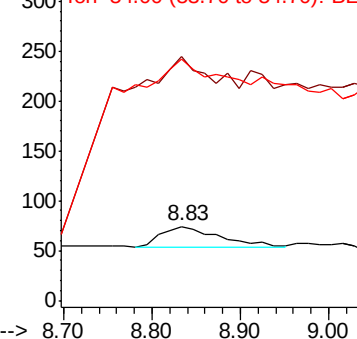
54 327.0 146.2 219.2#

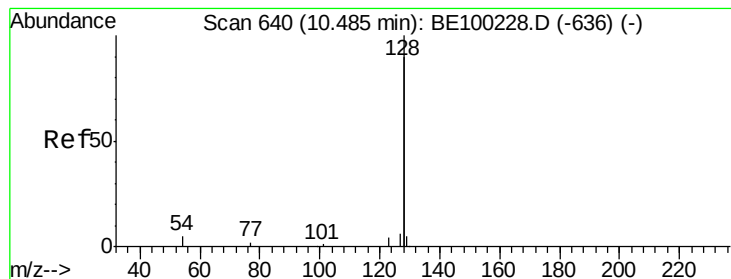


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.040 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

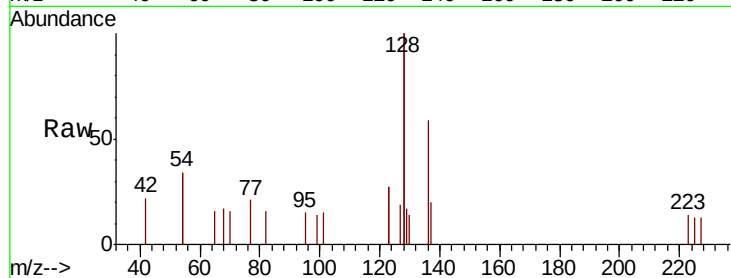
Tgt Ion:128 Resp: 1317

Ion Ratio Lower Upper

128 100

129 8.7 3.0 4.6#

127 9.5 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

10.48

800

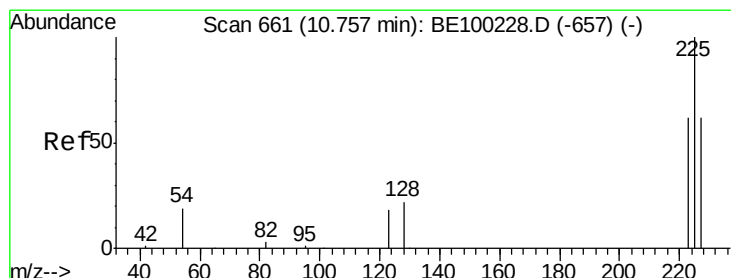
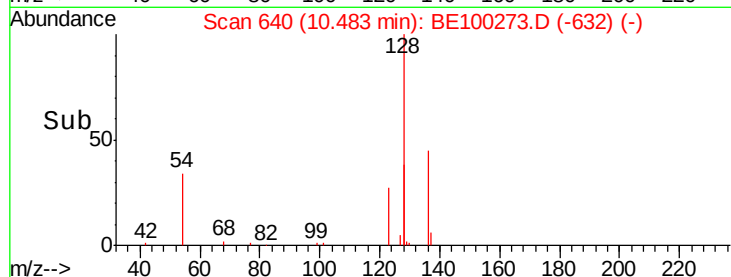
600

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.77 min Scan# 662

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

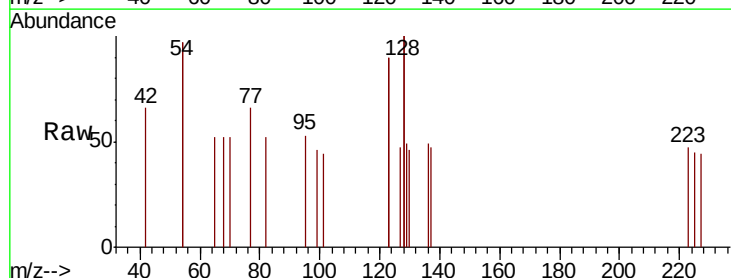
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

227 0.0 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

10.77

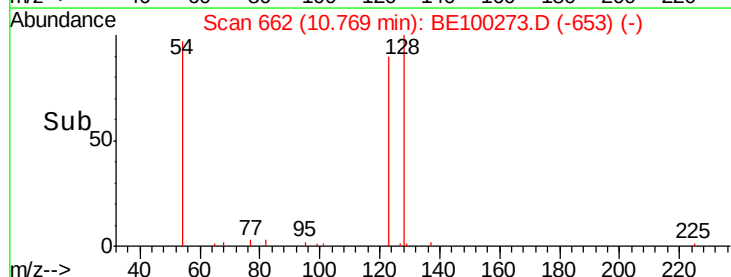
60

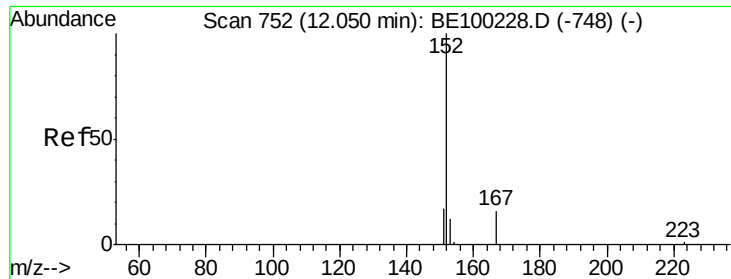
40

20

0

Time-->

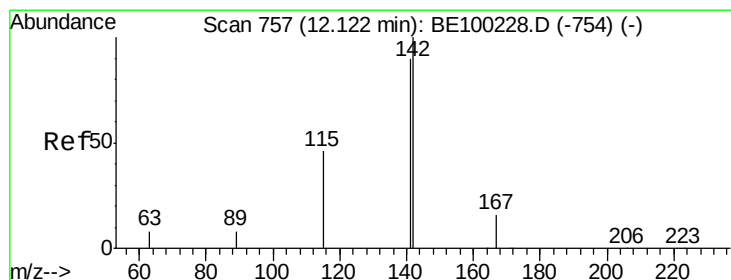
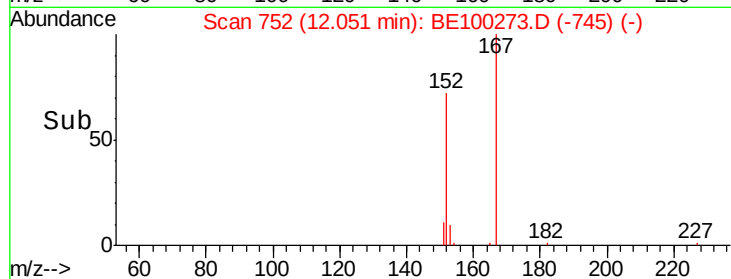
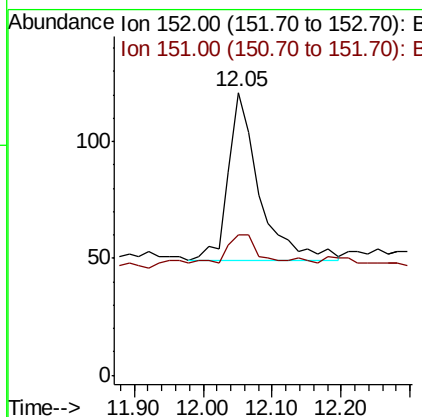
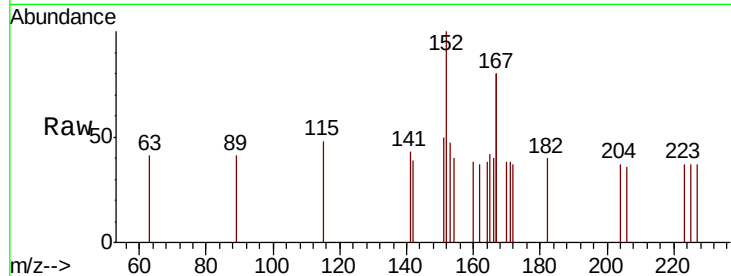




#11
2-Methylnaphthalene-d10
Concen: 0.040 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

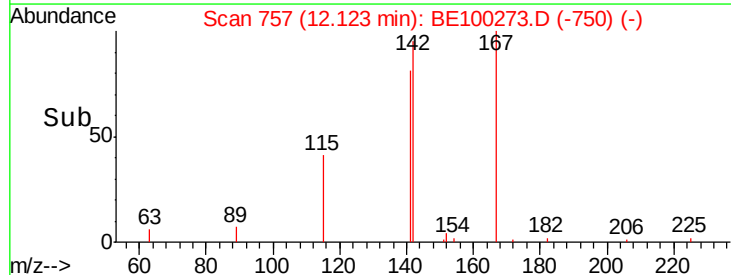
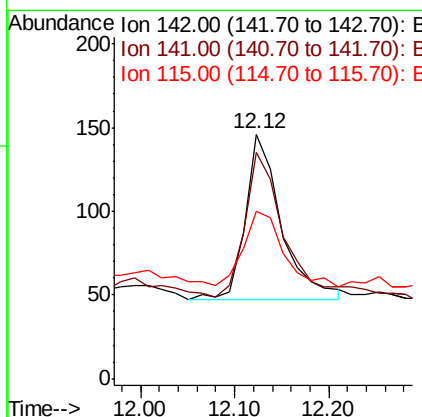
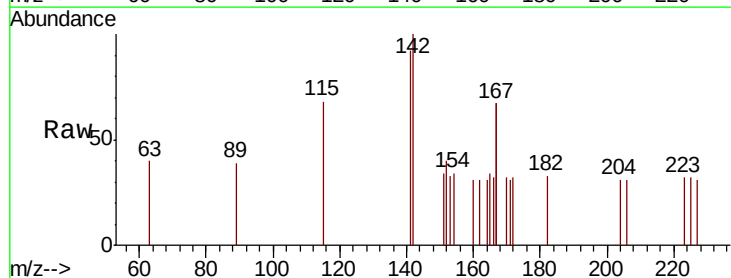
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

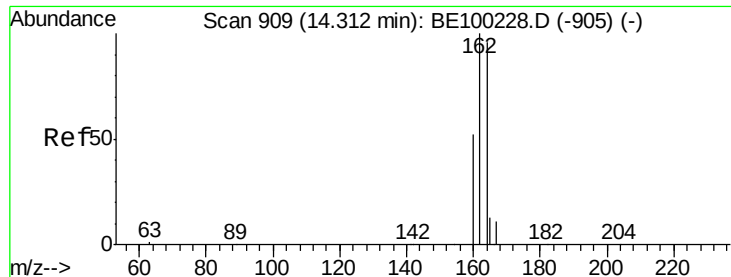
Tgt Ion:152 Resp: 226
Ion Ratio Lower Upper
152 100
151 11.9 15.1 22.7#



#12
2-Methylnaphthalene
Concen: 0.045 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:142 Resp: 265
Ion Ratio Lower Upper
142 100
141 92.5 72.4 108.6
115 68.5 40.4 60.6#

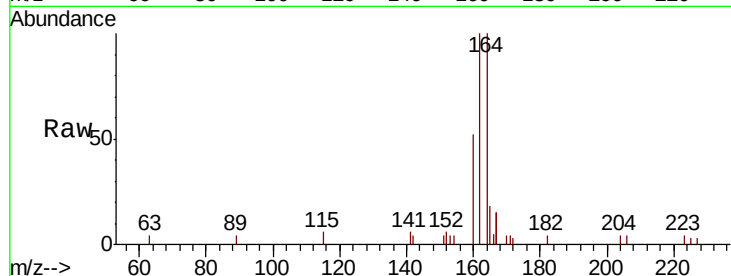




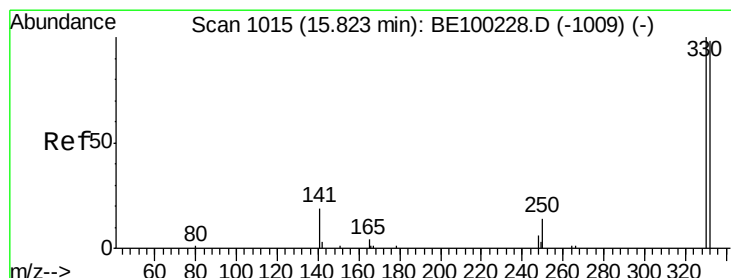
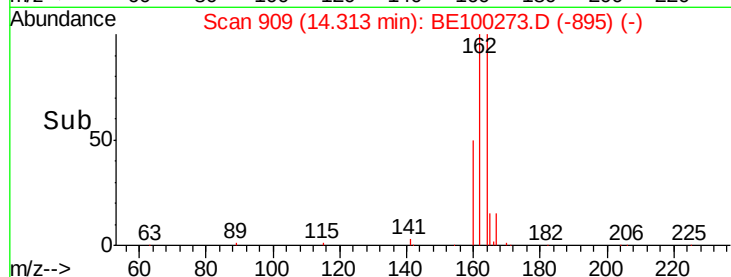
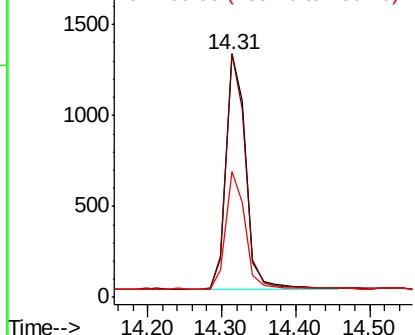
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:164 Resp: 2401
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.0
160 51.6 45.0 67.6

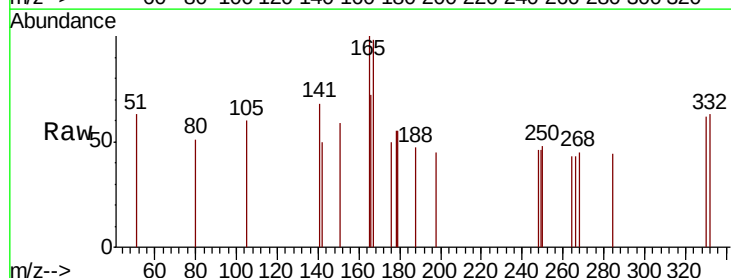


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

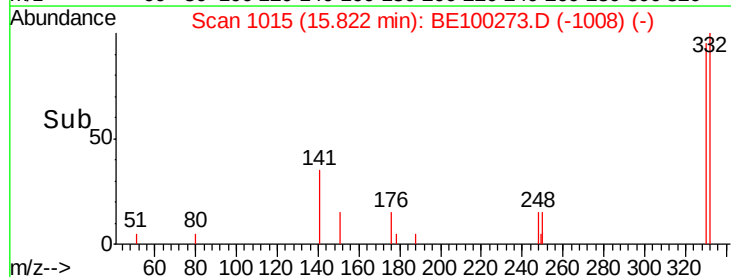
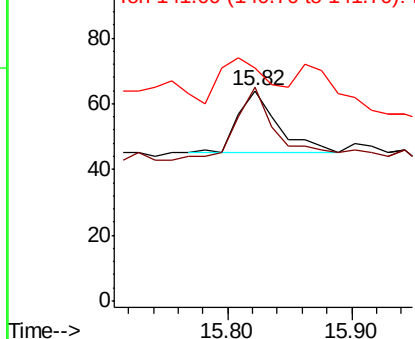


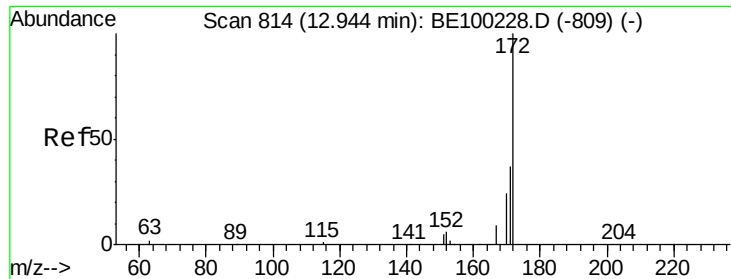
#14
2,4,6-Tribromophenol
Concen: 0.026 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:330 Resp: 43
Ion Ratio Lower Upper
330 100
332 127.9 77.0 115.4#
141 88.4 22.0 33.0#



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

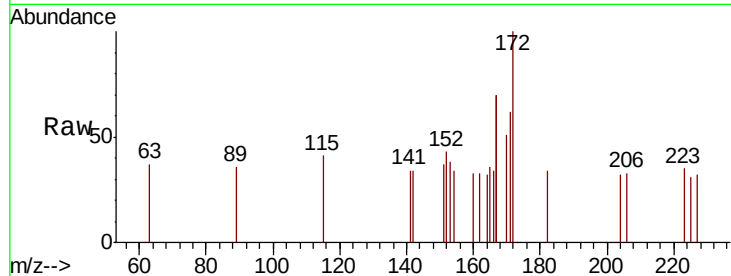




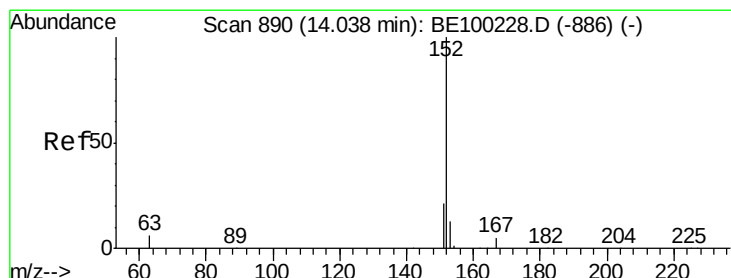
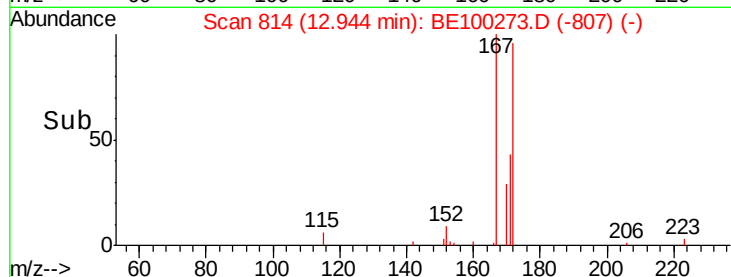
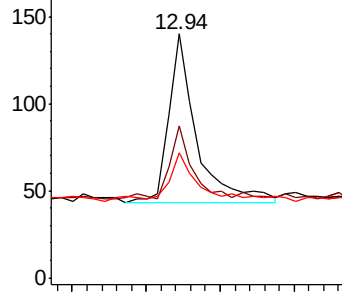
#15
2-Fluorobiphenyl
Concen: 0.027 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:172 Resp: 255
Ion Ratio Lower Upper
172 100
171 62.1 31.9 47.9#
170 51.4 22.2 33.2#

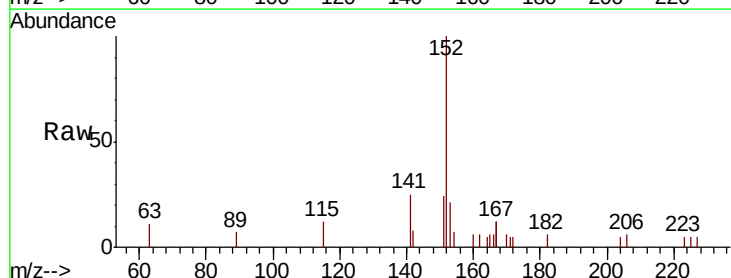


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

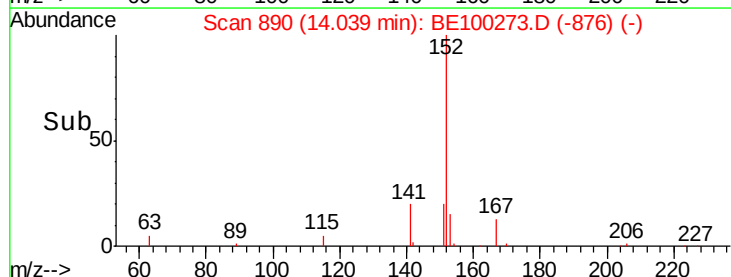
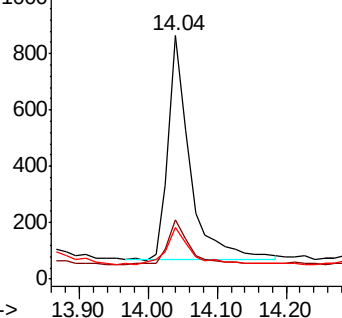


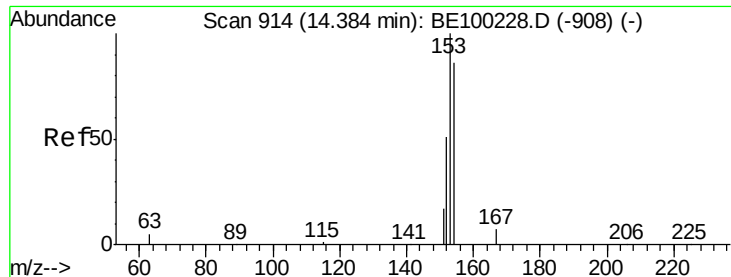
#16
Acenaphthylene
Concen: 0.149 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:152 Resp: 1722
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0
153 17.5 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

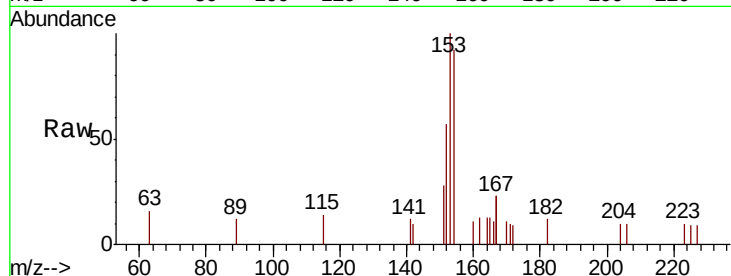




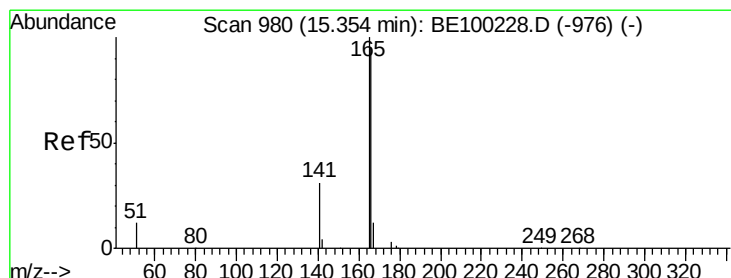
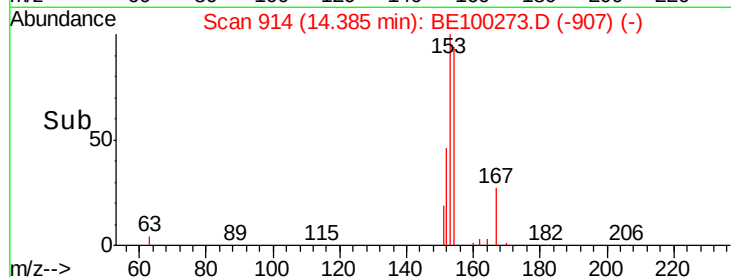
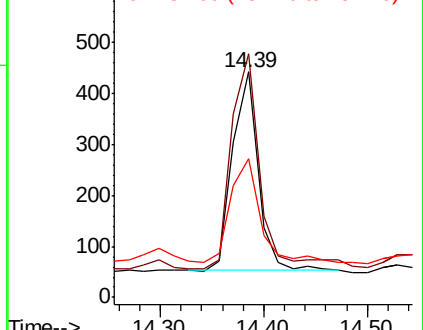
#17
Acenaphthene
Concen: 0.102 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:154 Resp: 668
Ion Ratio Lower Upper
154 100
153 122.0 93.4 140.2
152 61.5 49.4 74.2

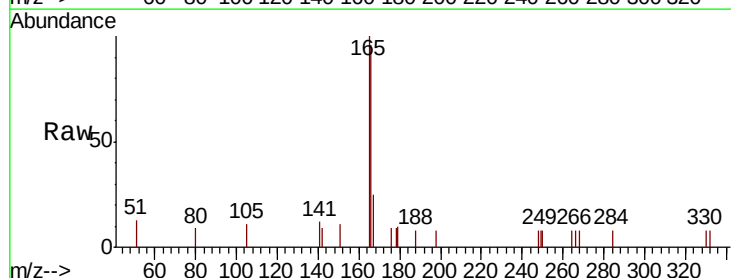


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

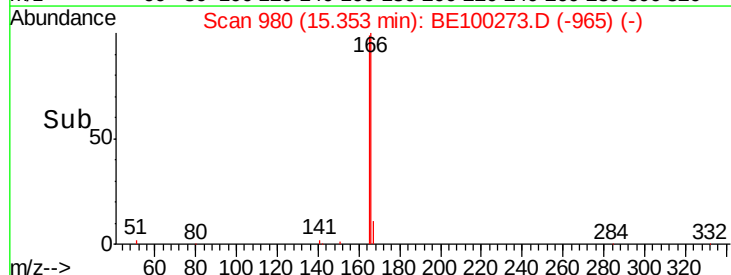
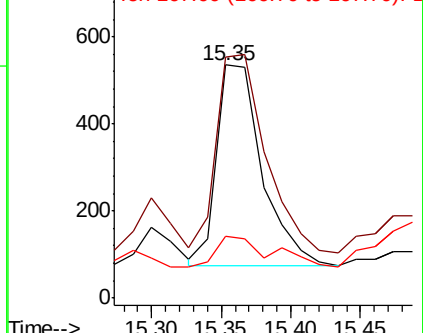


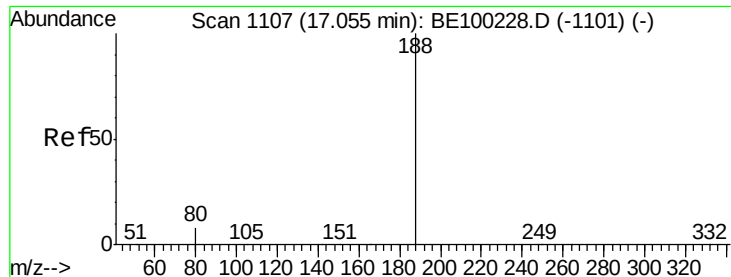
#18
Fluorene
Concen: 0.108 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:166 Resp: 1044
Ion Ratio Lower Upper
166 100
165 106.0 81.1 121.7
167 19.0 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

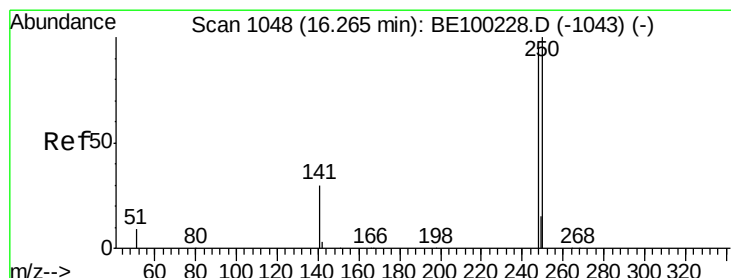
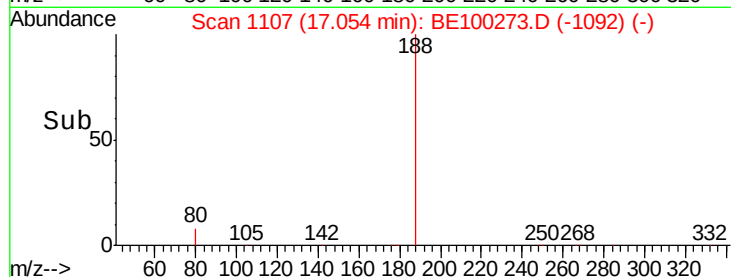
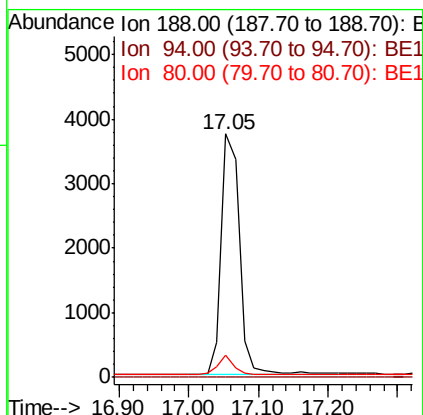
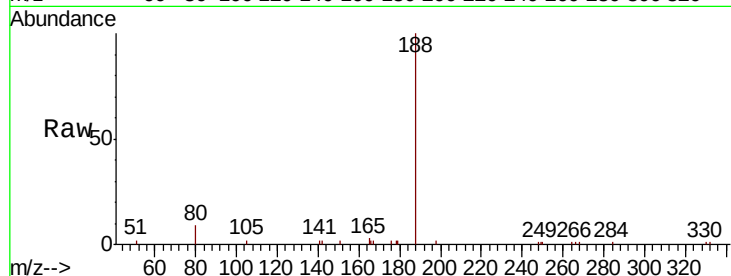




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

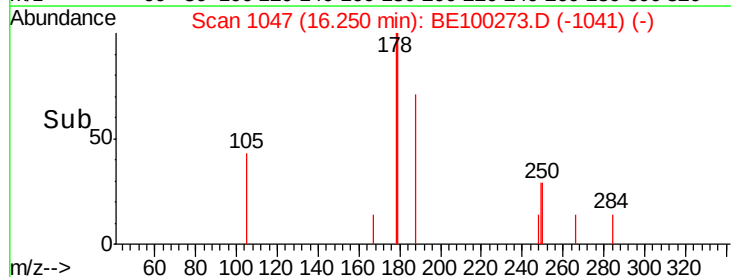
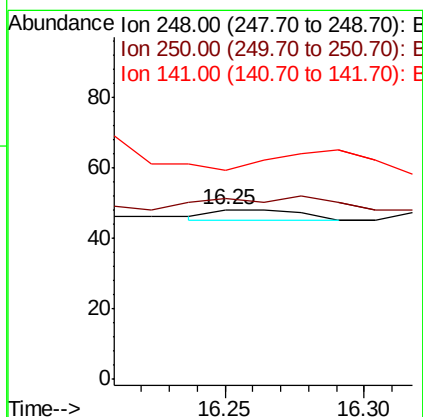
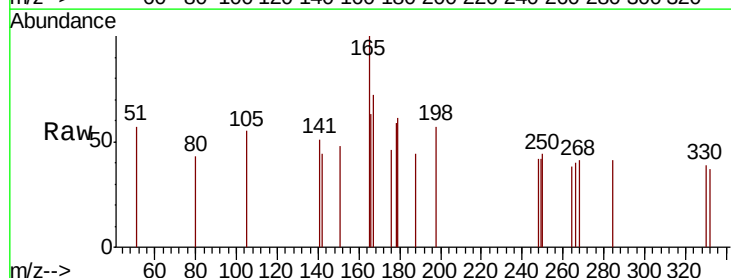
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

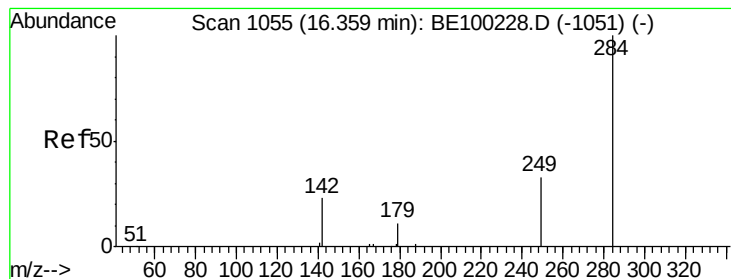
Tgt Ion:188 Resp: 6749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.6 11.4



#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 106.3 84.2 126.4
141 122.9 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.04 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

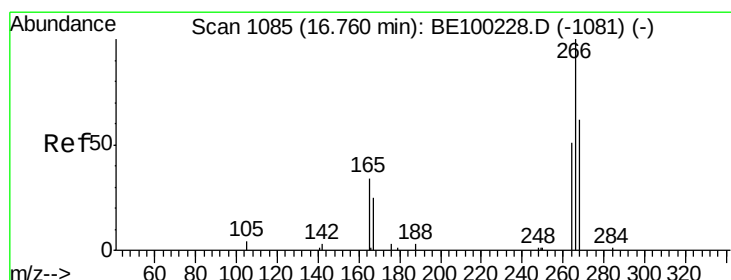
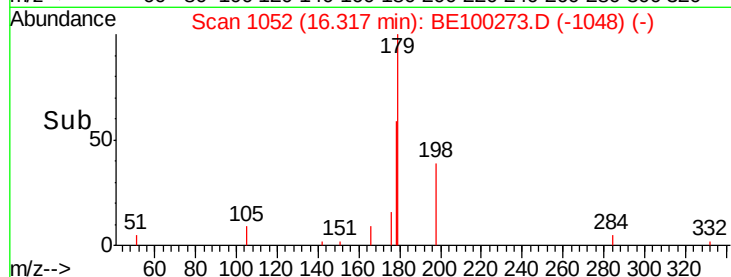
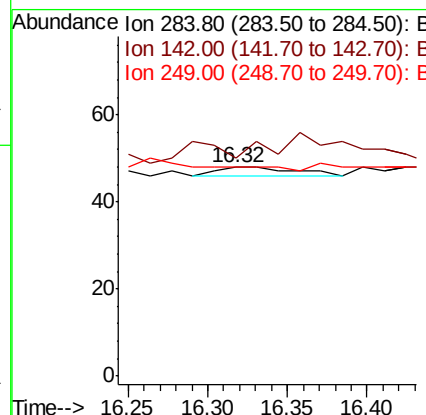
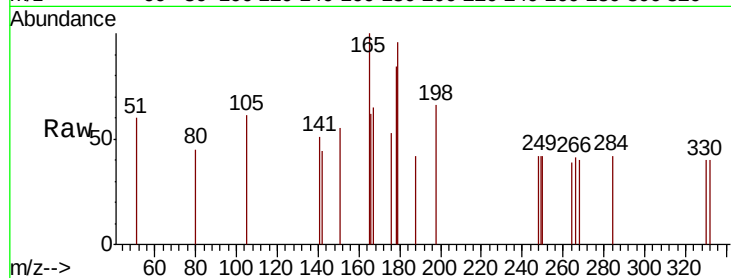
Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

Tgt Ion:	284	Resp:	6
Ion Ratio	Lower	Upper	
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#



#22

Pentachlorophenol

Concen: 0.009 ng

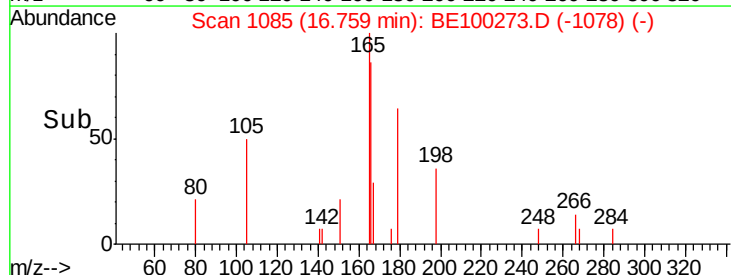
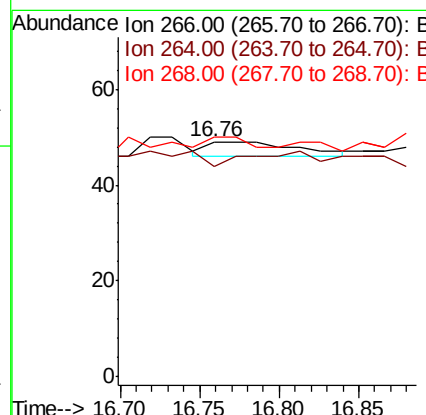
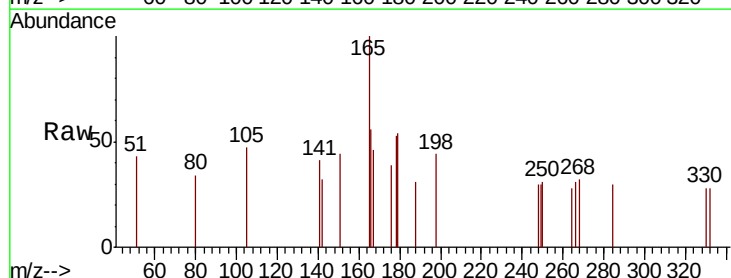
RT: 16.76 min Scan# 1085

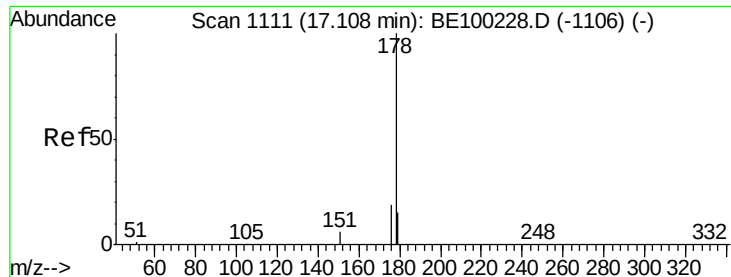
Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Tgt Ion:	266	Resp:	12
Ion Ratio	Lower	Upper	
266	100		
264	89.8	56.2	84.2#
268	102.0	61.8	92.6#





#23

Phenanthrene

Concen: 1.914 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

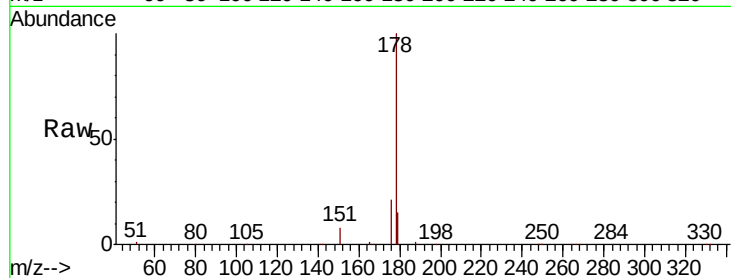
Tgt Ion:178 Resp: 31308

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

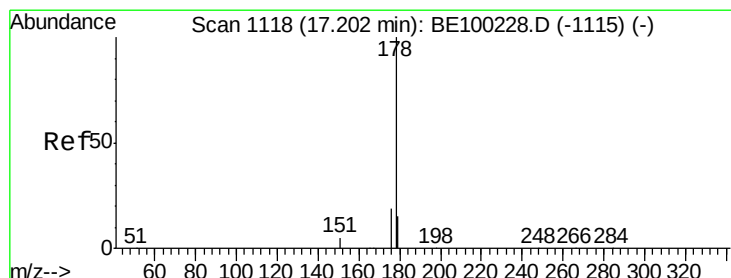
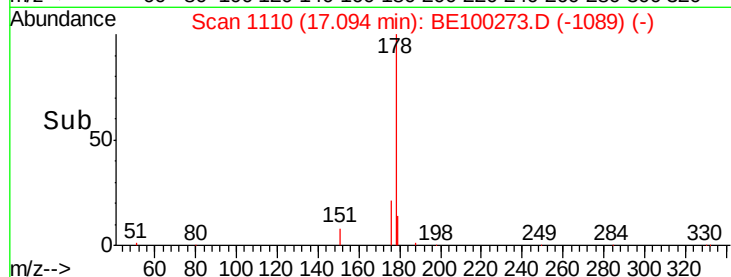
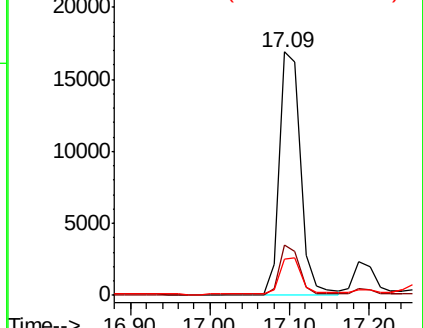
179 15.4 12.2 18.2



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



#24

Anthracene

Concen: 0.276 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

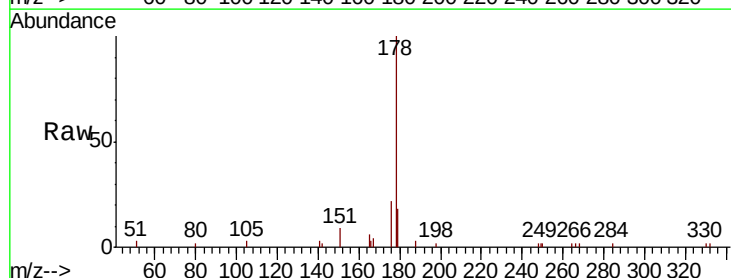
Tgt Ion:178 Resp: 4061

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

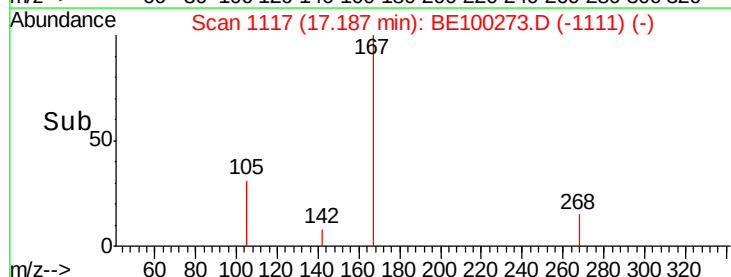
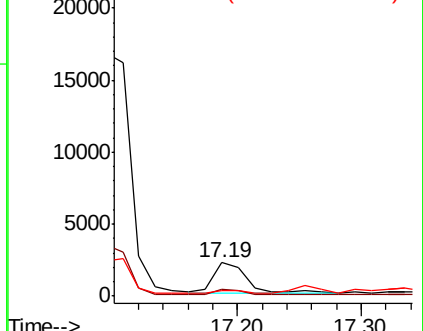
179 10.1 12.2 18.2#

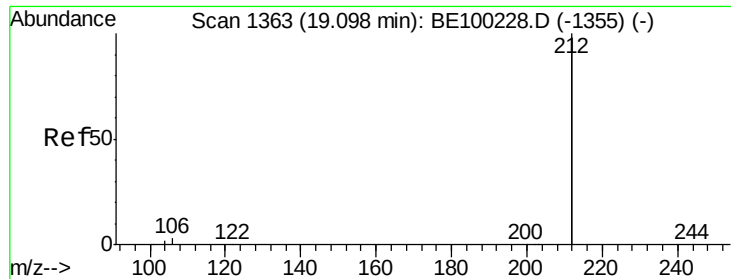


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.031 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

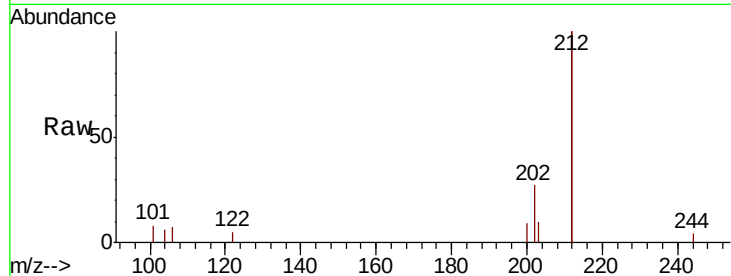
Instrument :

BNA_E

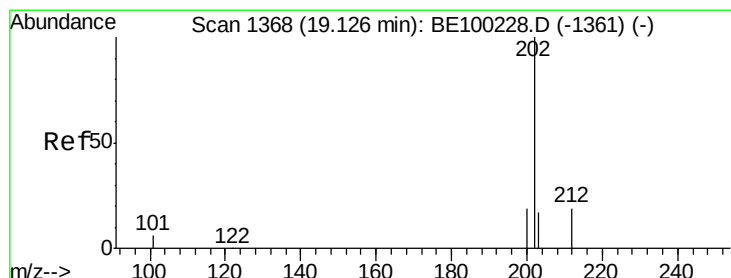
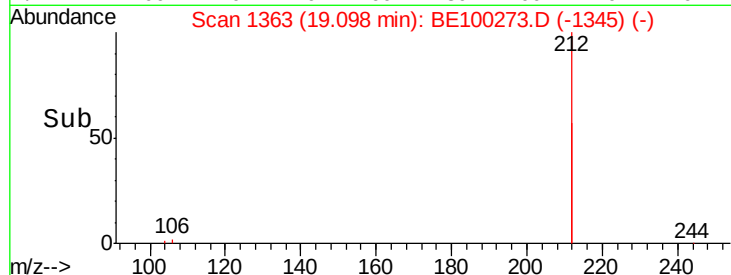
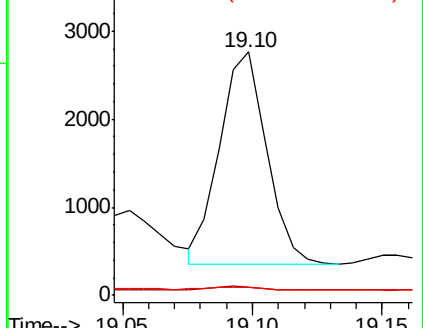
ClientSampleId :

EXT-084-SW156-061319DL

Tgt Ion:	212	Resp:	3042
Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.2	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: 2.104 ng

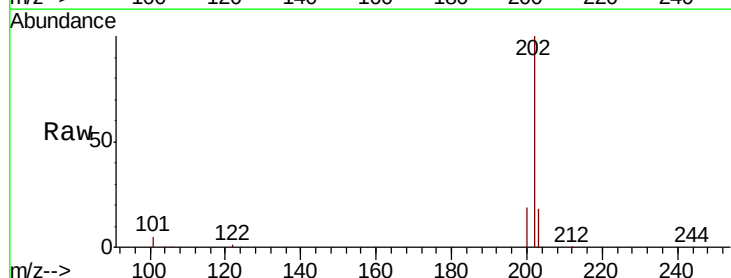
RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

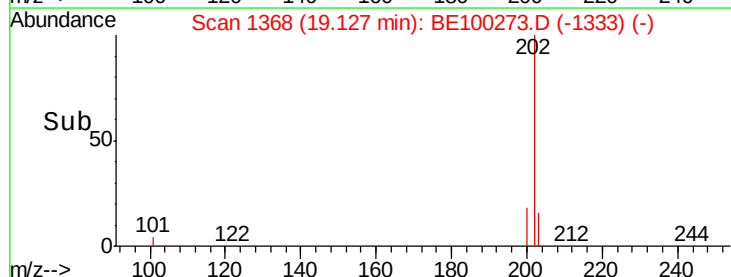
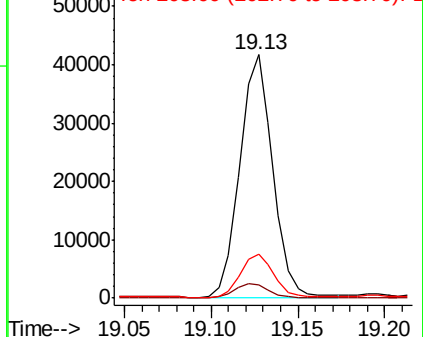
Lab File: BE100273.D

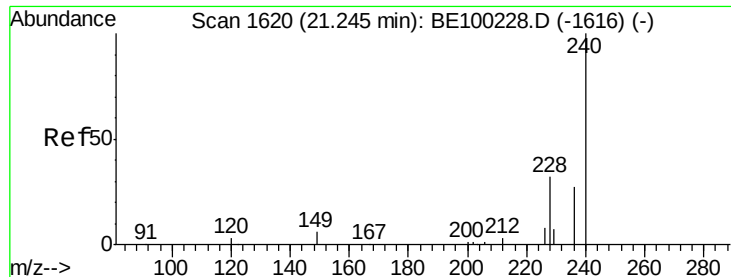
Acq: 1 Jul 2019 19:43

Tgt Ion:	202	Resp:	54831
Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.8	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

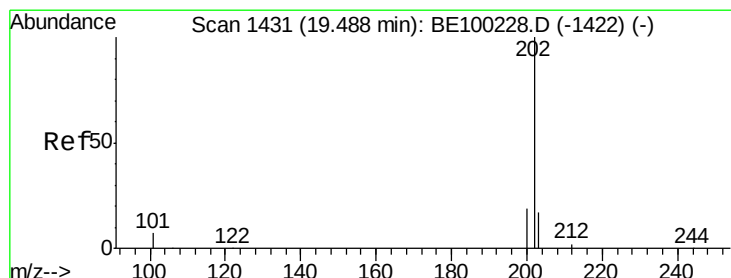
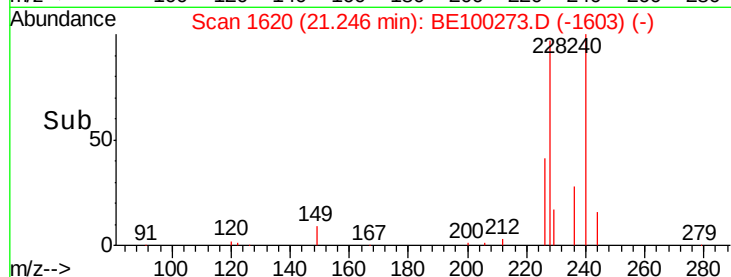
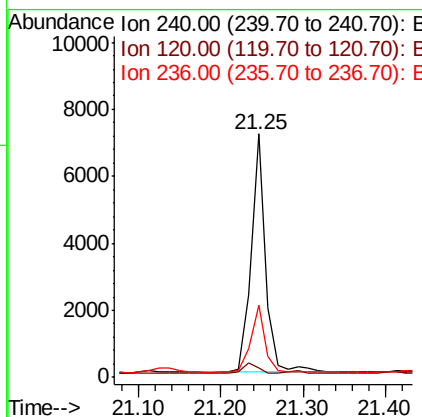
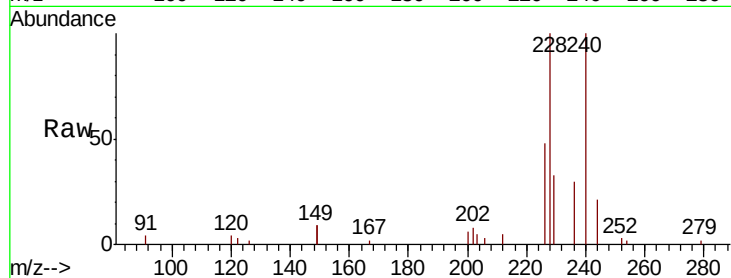




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100273.D
 Acq: 1 Jul 2019 19:43

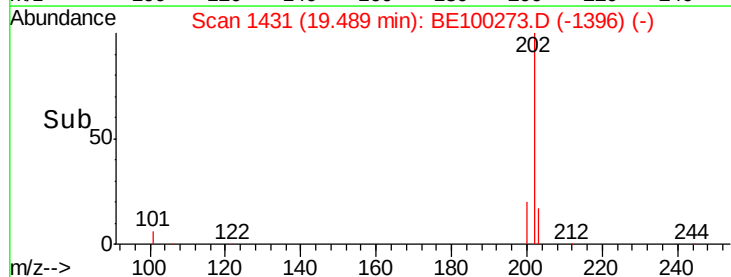
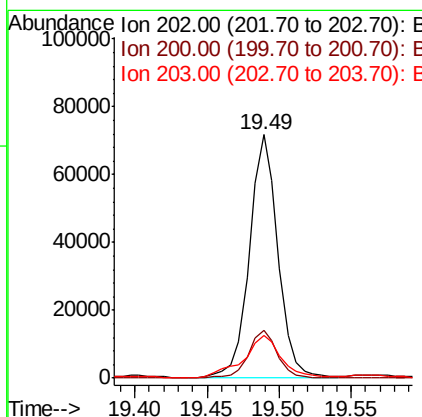
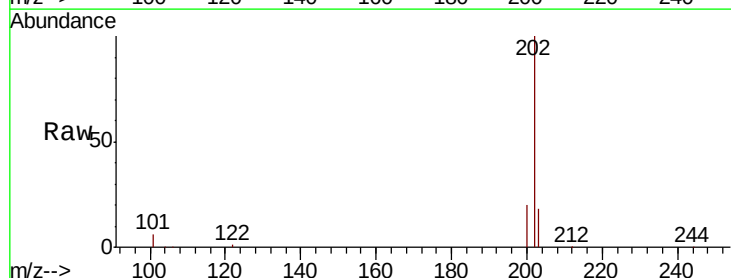
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW156-061319DL

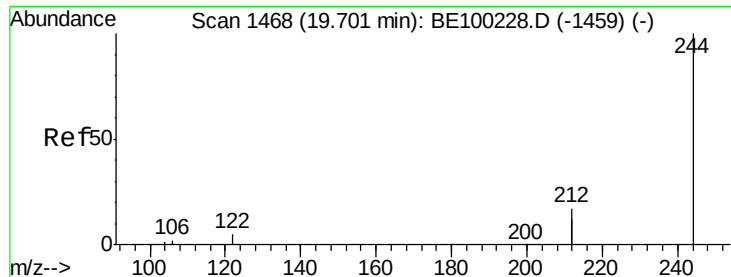
Tgt Ion:240 Resp: 8848
 Ion Ratio Lower Upper
 240 100
 120 3.9 3.3 4.9
 236 29.8 22.6 34.0



#28
 Pyrene
 Concen: 4.212 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100273.D
 Acq: 1 Jul 2019 19:43

Tgt Ion:202 Resp: 98672
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 22.5 14.0 21.0#





#29

Terphenyl-d14

Concen: 0.075 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

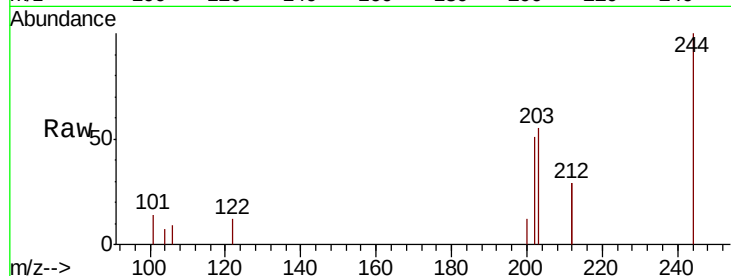
Tgt Ion: 244 Resp: 1375

Ion Ratio Lower Upper

244 100

212 57.9 27.3 40.9#

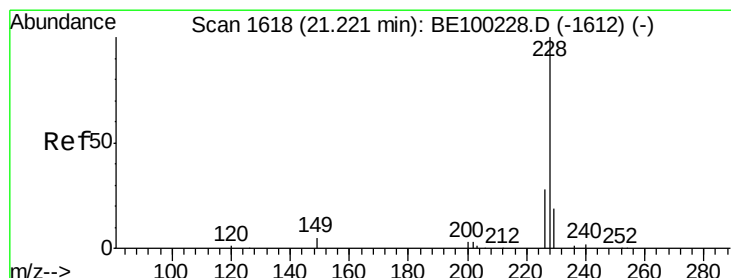
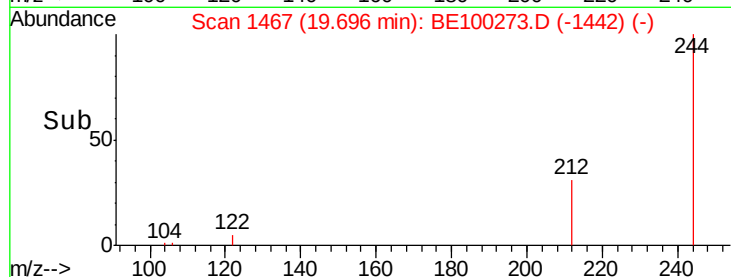
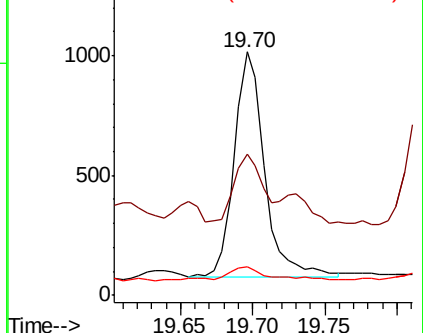
122 11.6 4.7 7.1#



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: 1.813 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

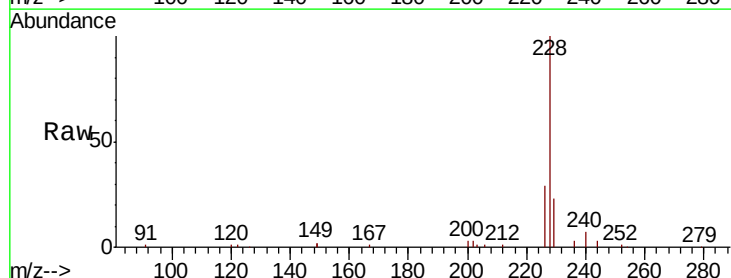
Tgt Ion: 228 Resp: 52758

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

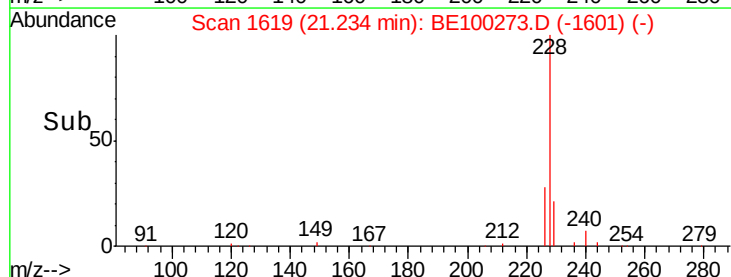
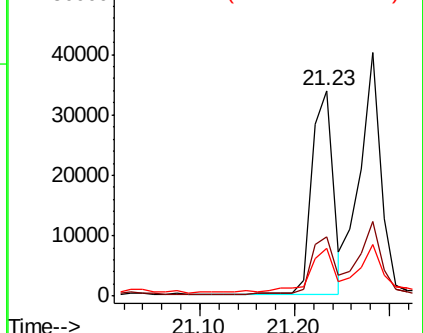
229 23.3 15.7 23.5

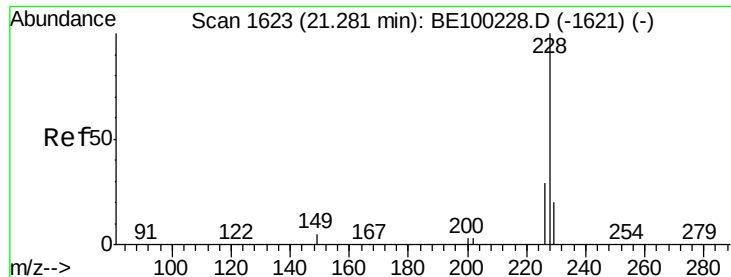


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.111 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

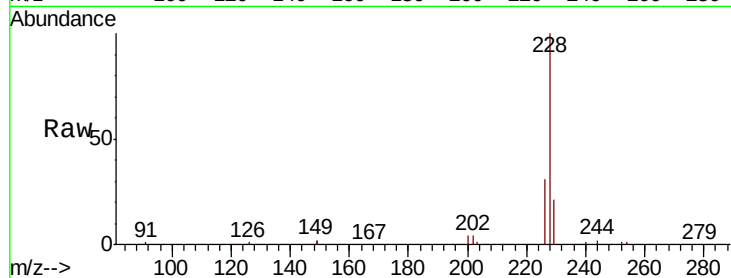
Tgt Ion: 228 Resp: 61678

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

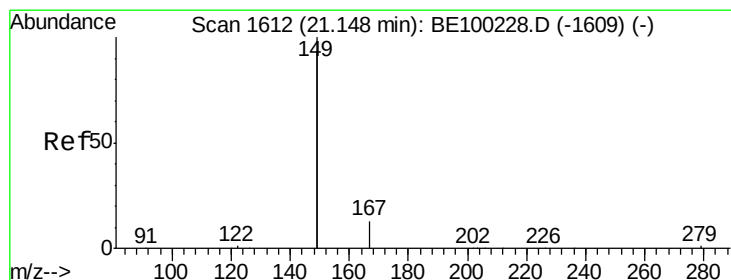
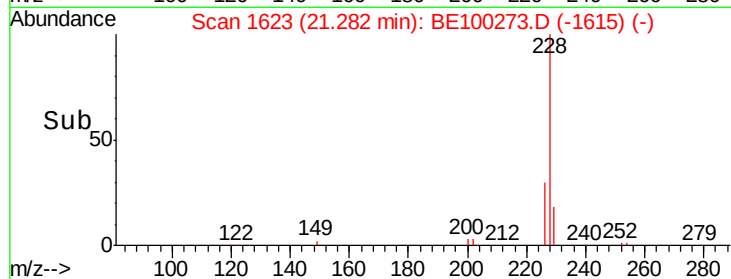
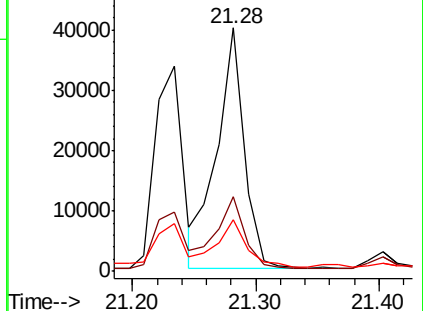
229 21.4 16.5 24.7



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: 0.008 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

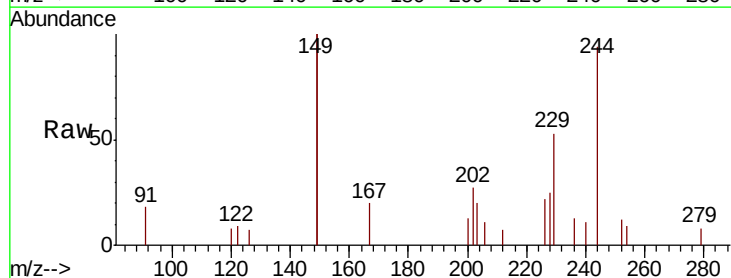
Tgt Ion: 149 Resp: 2714

Ion Ratio Lower Upper

149 100

167 8.7 5.8 8.8

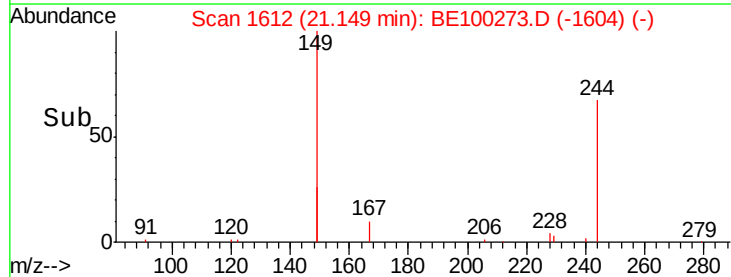
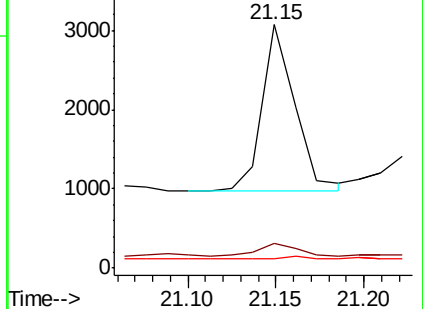
279 2.5 1.1 1.7#

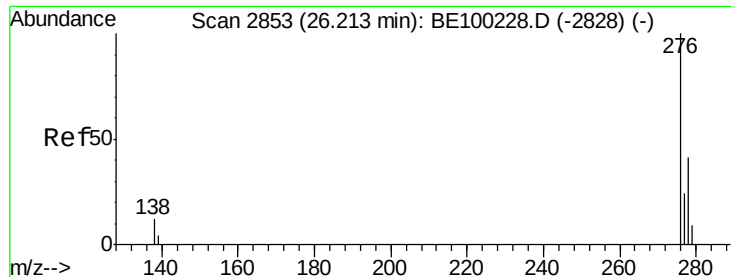


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.534 ng

RT: 26.23 min Scan# 2858

Delta R.T. 0.02 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

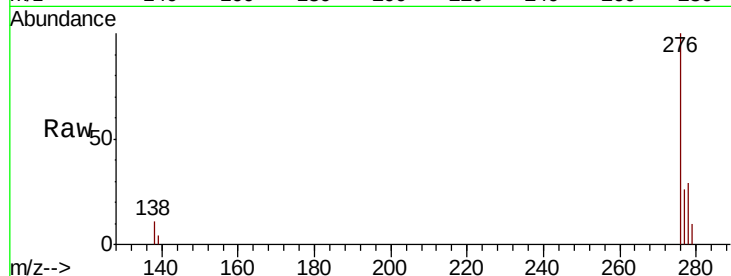
Tgt Ion:276 Resp: 20638

Ion Ratio Lower Upper

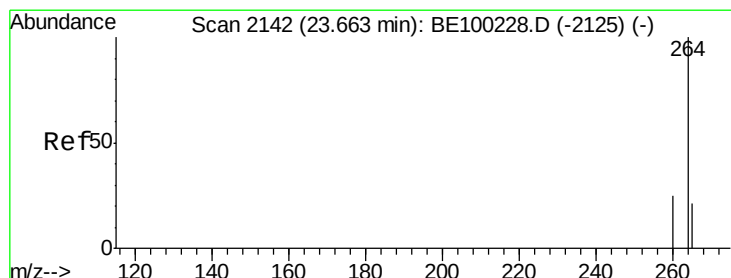
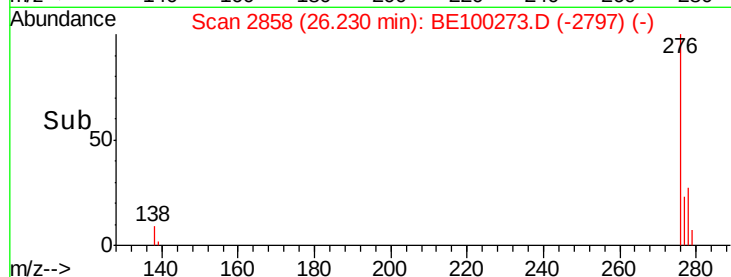
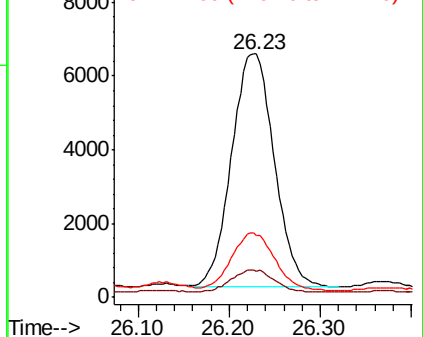
276 100

138 9.9 9.4 14.0

277 25.3 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# 2144

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

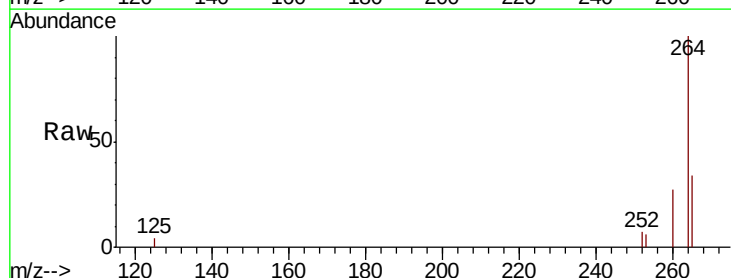
Tgt Ion:264 Resp: 9950

Ion Ratio Lower Upper

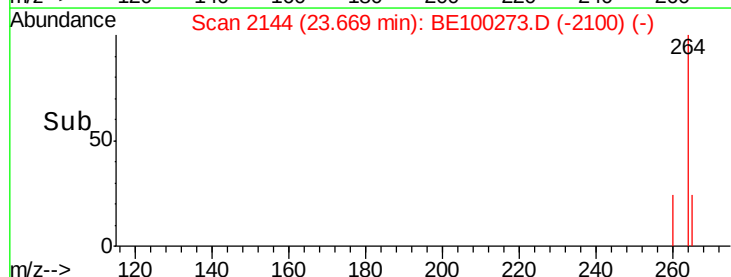
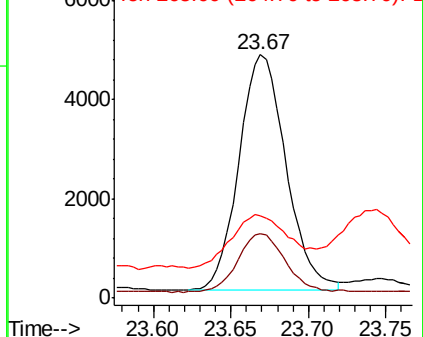
264 100

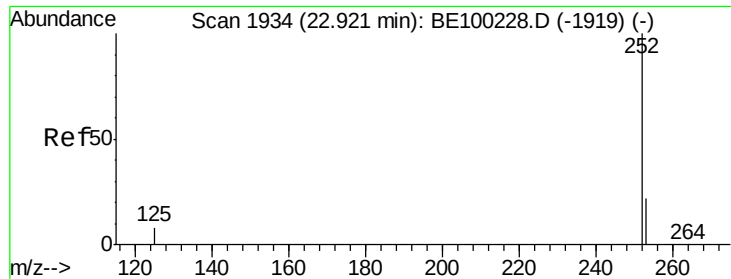
260 26.5 20.8 31.2

265 33.9 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: 2.068 ng

RT: 22.93 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

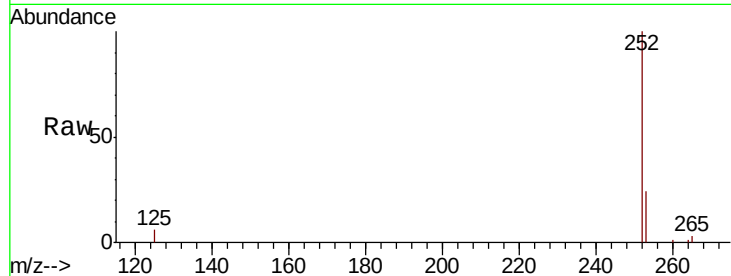
Tgt Ion:252 Resp: 55784

Ion Ratio Lower Upper

252 100

253 24.2 19.2 28.8

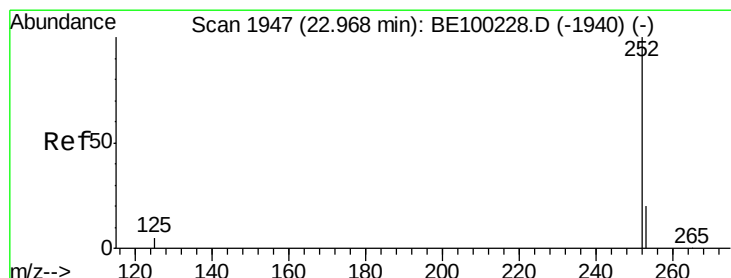
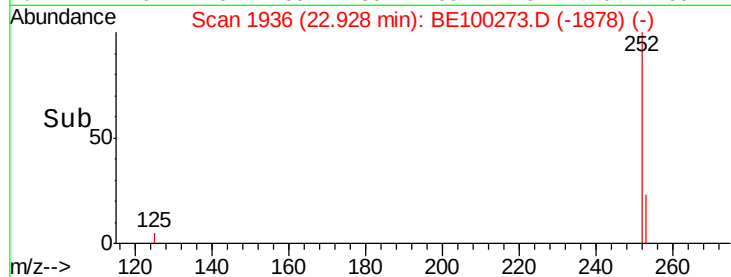
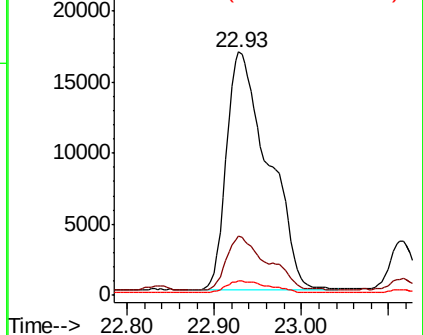
125 5.8 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.853 ng

RT: 22.93 min Scan# 1936

Delta R.T. -0.04 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

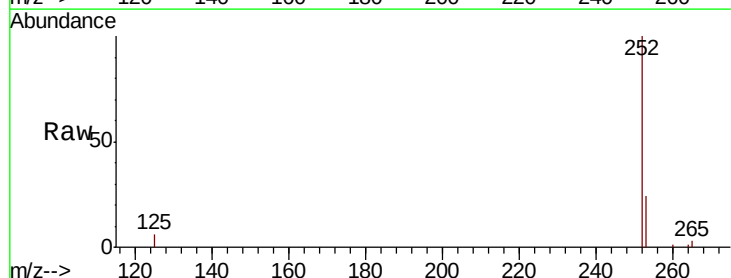
Tgt Ion:252 Resp: 55784

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

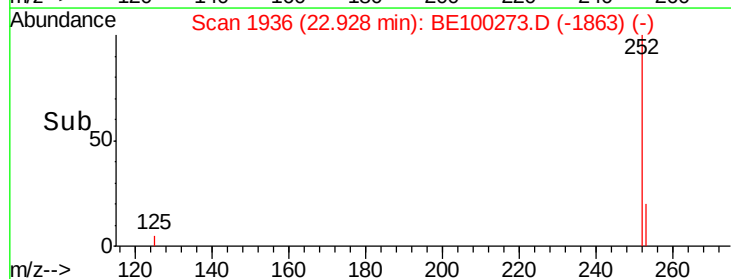
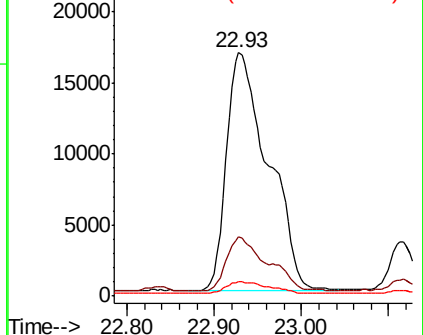
125 5.8 5.0 7.4

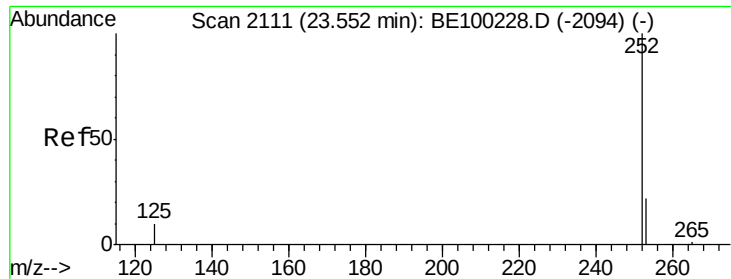


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.260 ng

RT: 23.72 min Scan# 2159

Delta R.T. 0.17 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL

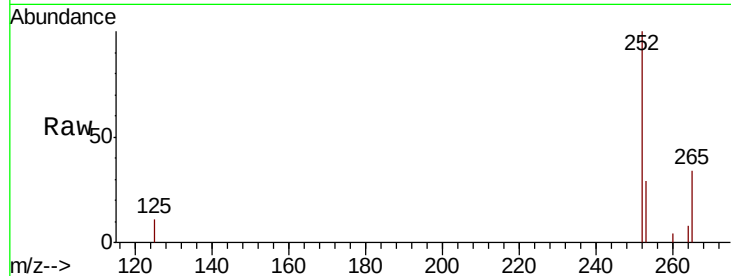
Tgt Ion: 252 Resp: 7041

Ion Ratio Lower Upper

252 100

253 28.9 19.6 29.4

125 11.1 9.0 13.6

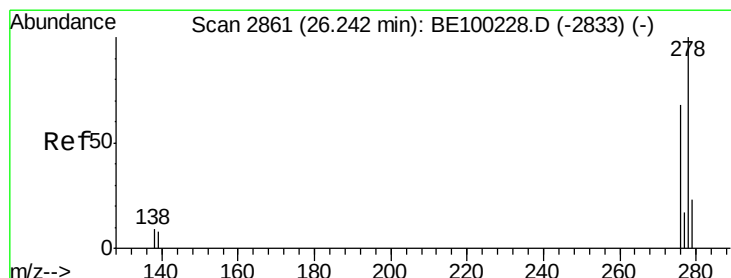
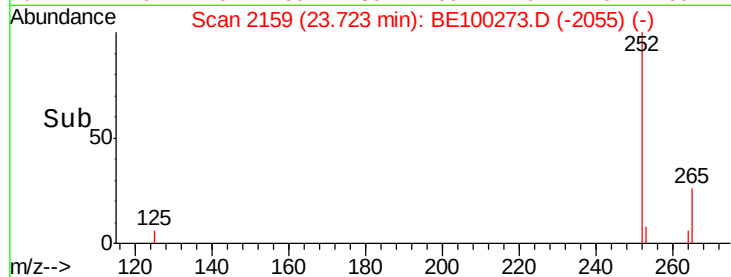
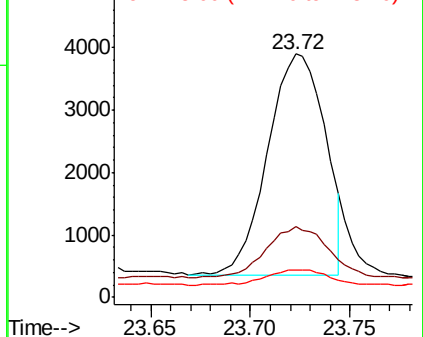


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.257 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE100273.D

Acq: 1 Jul 2019 19:43

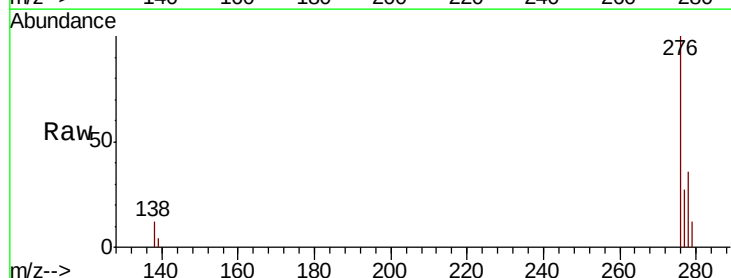
Tgt Ion: 278 Resp: 7268

Ion Ratio Lower Upper

278 100

139 12.2 8.2 12.2

279 33.7 20.3 30.5#

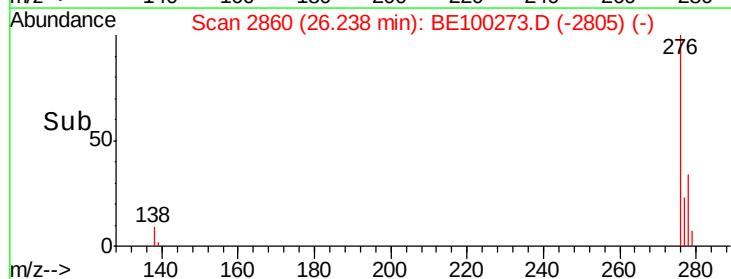
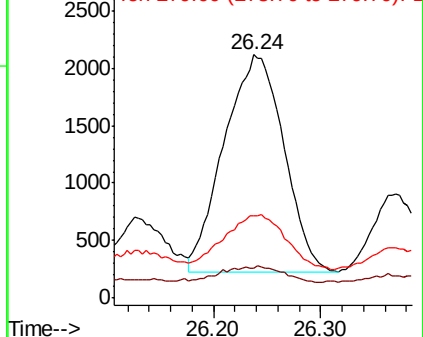


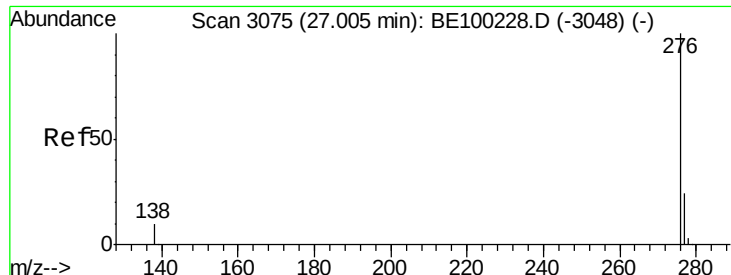
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.881 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100273.D

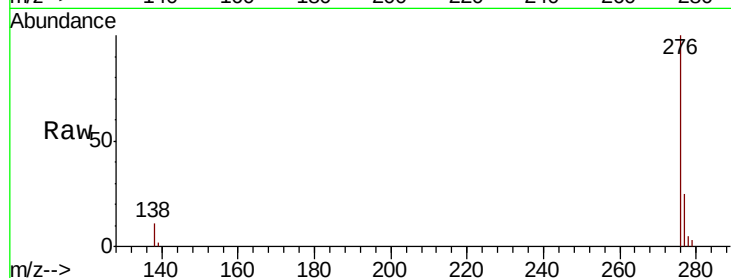
Acq: 1 Jul 2019 19:43

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319DL



Tgt Ion: 276 Resp: 25568

Ion Ratio Lower Upper

276 100

277 25.2 20.2 30.2

138 11.1 9.0 13.6

