

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100965.D
 Acq On : 24 Dec 2019 9:11
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 11:28:14 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	1968	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	10277	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	6930	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	14659	0.40	ng	0.00
27) Chrysene-d12	21.31	240	14414	0.40	ng	0.01
34) Perylene-d12	23.73	264	20159	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	216	0.06	ng	0.00
5) Phenol-d6	6.99	99	93	0.02	ng	0.00
8) Nitrobenzene-d5	8.93	82	256	0.05	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	1434	0.09	ng	0.03
14) 2,4,6-Tribromophenol	15.92	330	53	0.03	ng	0.04
15) 2-Fluorobiphenyl	13.03	172	2358	0.10	ng	0.01
25) Fluoranthene-d10	19.15	212	16498	0.09	ng	0.00
29) Terphenyl-d14	19.76	244	3241	0.10	ng	0.00

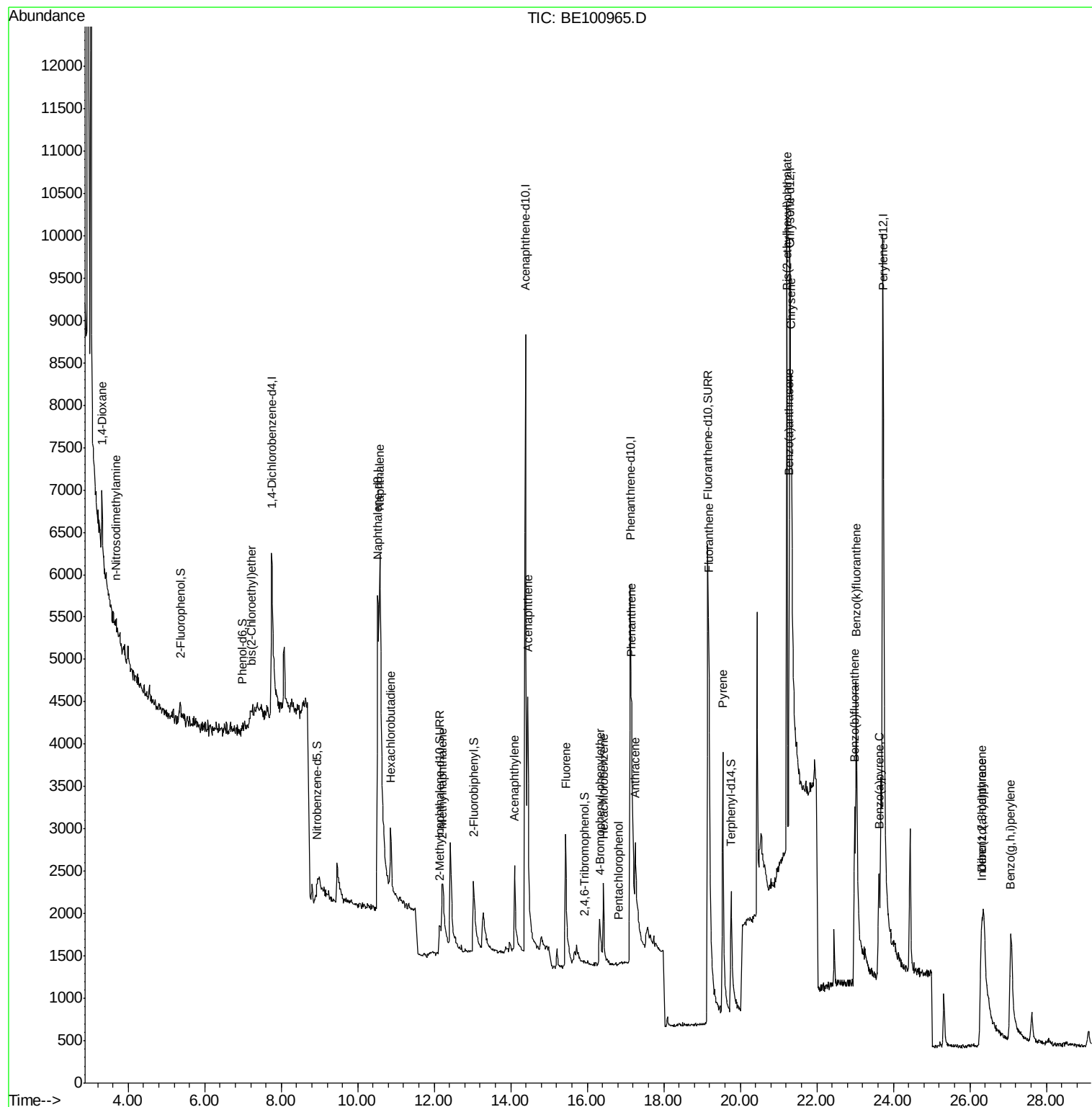
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1329	0.177	ng	# 71
3) n-Nitrosodimethylamine	3.68	42	305	0.142	ng	# 15
6) bis(2-Chloroethyl)ether	7.23	93	354	0.070	ng	# 1
9) Naphthalene	10.58	128	11242	0.101	ng	# 96
10) Hexachlorobutadiene	10.86	225	571	0.120	ng	# 99
12) 2-Methylnaphthalene	12.22	142	1391	0.089	ng	# 92
16) Acenaphthylene	14.10	152	2117	0.074	ng	# 95
17) Acenaphthene	14.44	154	1708	0.088	ng	# 95
18) Fluorene	15.43	166	2012	0.082	ng	# 97
20) 4-Bromophenyl-phenylether	16.33	248	538	0.083	ng	# 92
21) Hexachlorobenzene	16.43	284	787	0.106	ng	# 98
22) Pentachlorophenol	16.81	266	12	0.011	ng	# 97
23) Phenanthrene	17.16	178	3407	0.089	ng	# 97
24) Anthracene	17.26	178	1530	0.060	ng	# 98
26) Fluoranthene	19.18	202	4658	0.088	ng	# 99
28) Pyrene	19.54	202	5203	0.101	ng	# 98
30) Benzo(a)anthracene	21.28	228	2755	0.073	ng	# 94
31) Chrysene	21.33	228	4105	0.086	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.22	149	10241	0.086	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.30	276	3760	0.075	ng	# 93
35) Benzo(b)fluoranthene	22.99	252	3282	0.073	ng	# 86
36) Benzo(k)fluoranthene	23.04	252	5951	0.100	ng	# 53
37) Benzo(a)pyrene	23.62	252	4669	0.092	ng	# 79
38) Dibenzo(a,h)anthracene	26.32	278	1648	0.038	ng	# 50
39) Benzo(g,h,i)perylene	27.07	276	4571	0.086	ng	# 90

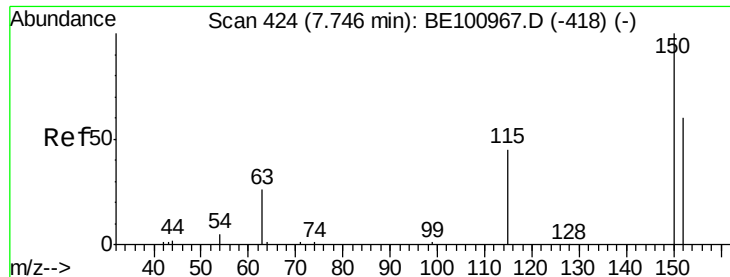
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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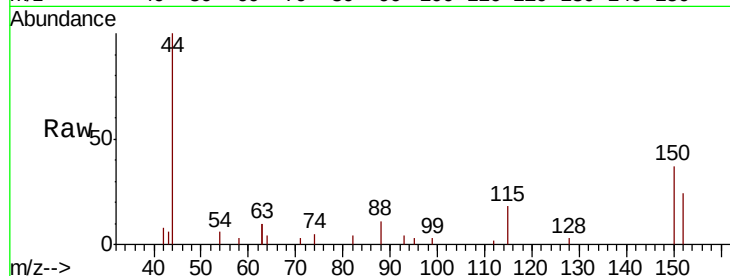


#1

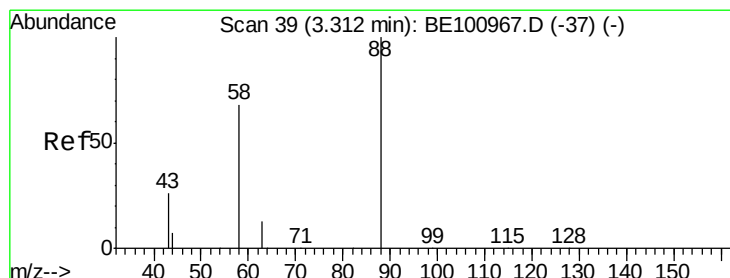
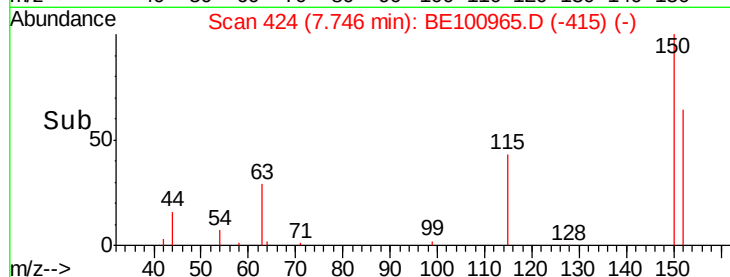
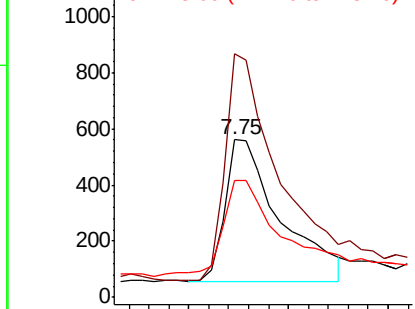
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1968
Ion Ratio Lower Upper
152 100
150 154.3 132.6 199.0
115 74.4 64.1 96.1



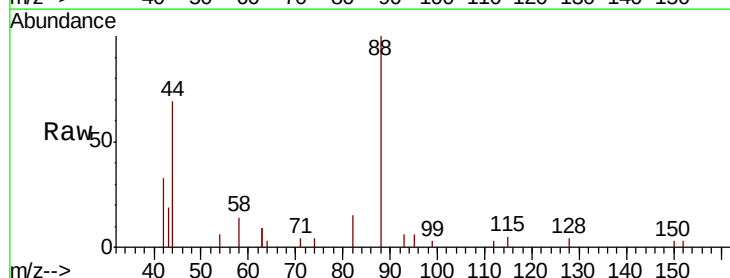
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



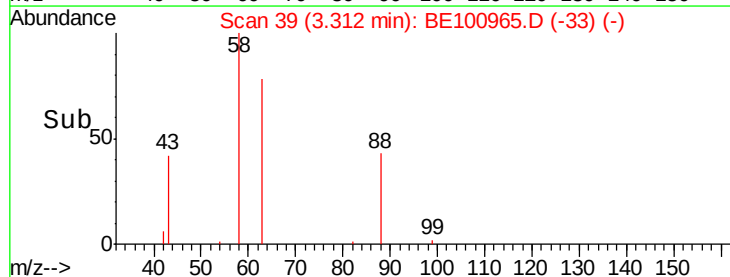
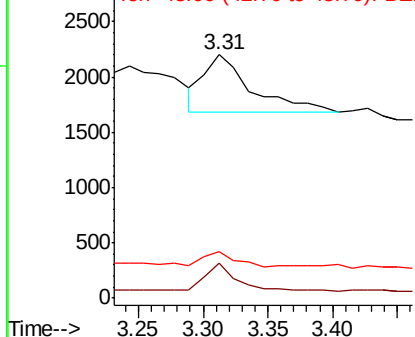
#2

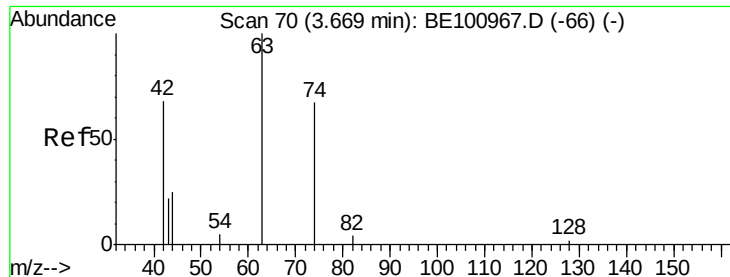
1,4-Dioxane
Concen: 0.177 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Tgt Ion: 88 Resp: 1329
Ion Ratio Lower Upper
88 100
58 30.2 44.2 66.4#
43 17.0 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: 0.142 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

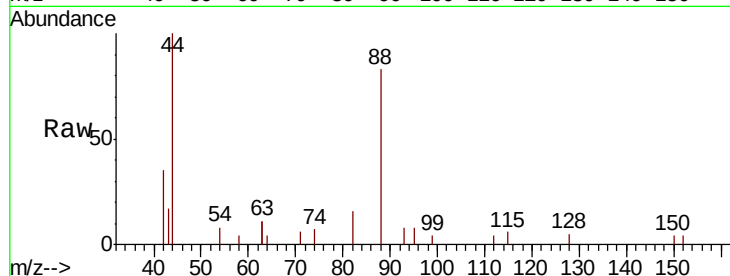
Tot Ion: 42 Resp: 305

Ion Ratio Lower Upper

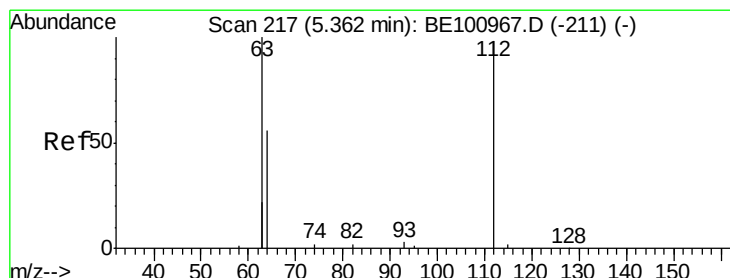
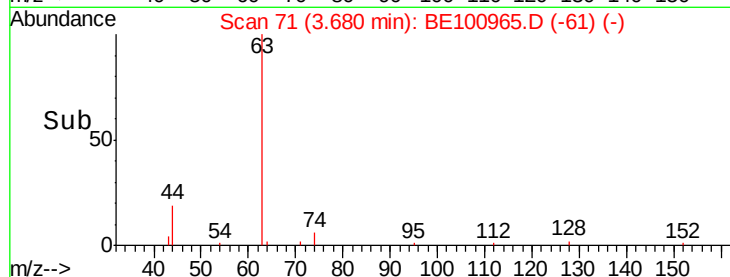
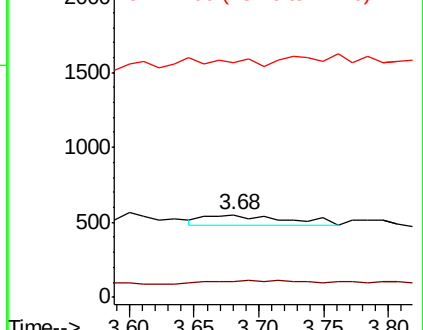
42 100

74 39.7 116.6 174.8#

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: 0.062 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

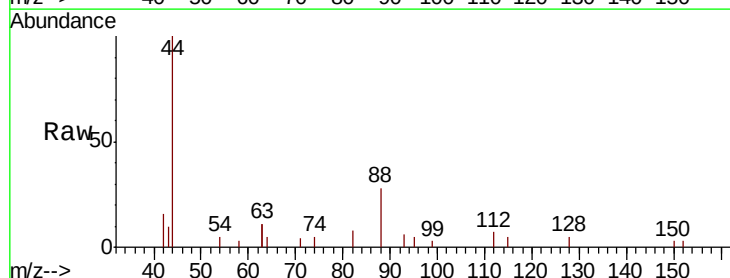
Tgt Ion: 112 Resp: 216

Ion Ratio Lower Upper

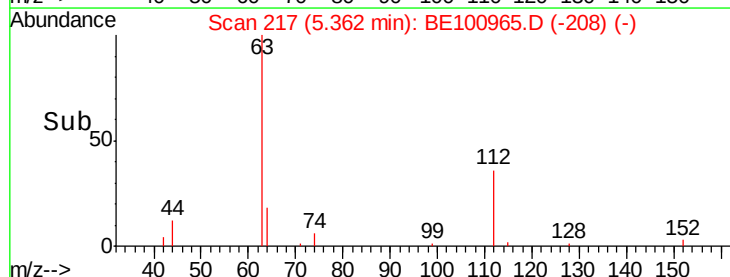
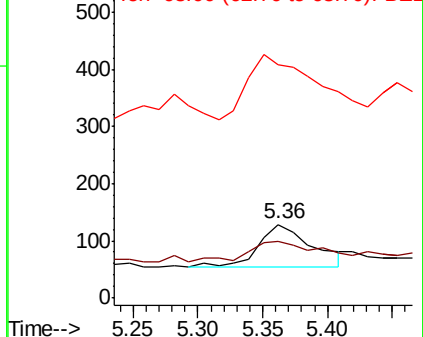
112 100

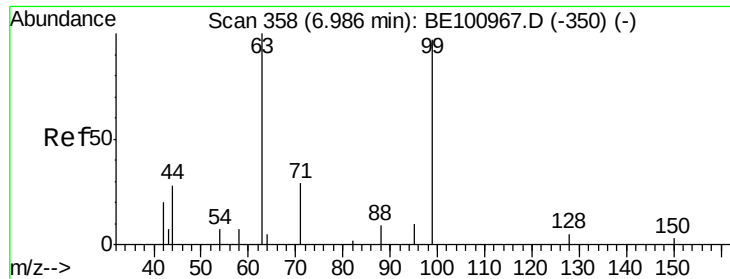
64 44.4 59.0 88.6#

63 195.4 121.4 182.0#



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: 0.022 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

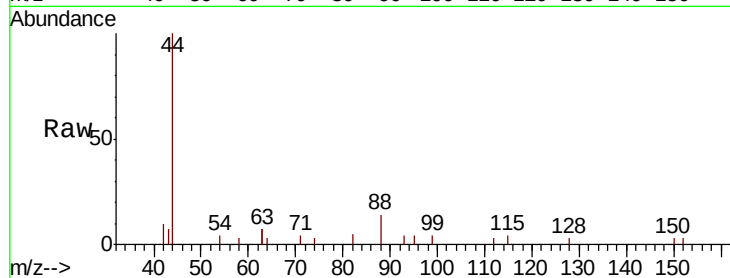
Tot Ion: 99 Resp: 93

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

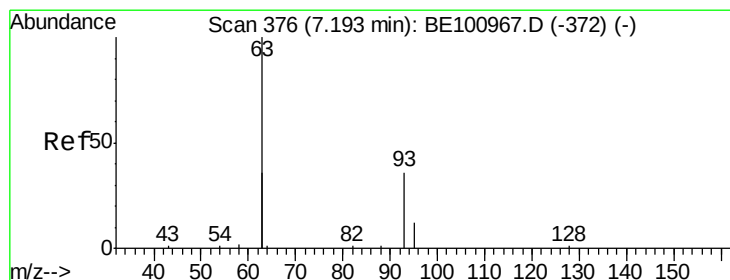
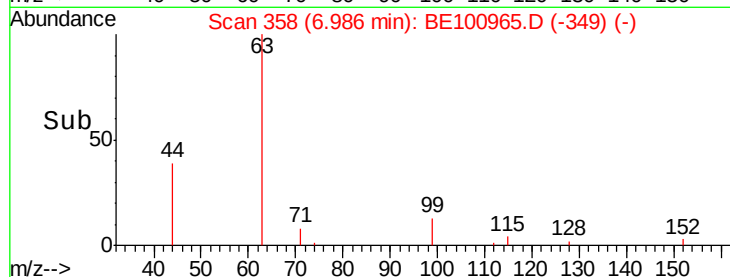
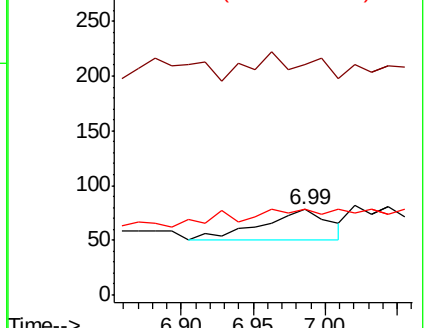
71 0.0 0.0 0.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.03 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

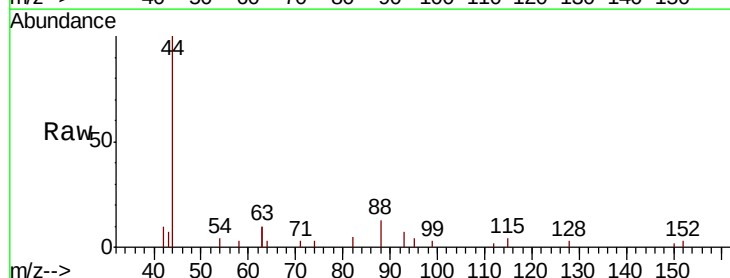
Tgt Ion: 93 Resp: 354

Ion Ratio Lower Upper

93 100

63 0.0 228.3 342.5#

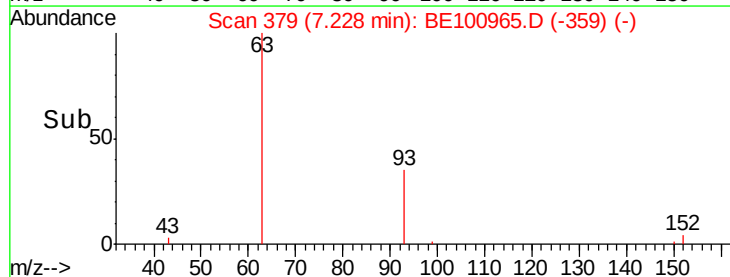
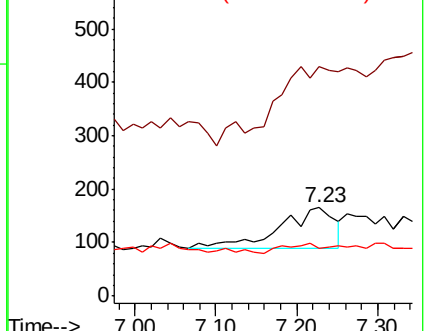
95 14.7 25.9 38.9#

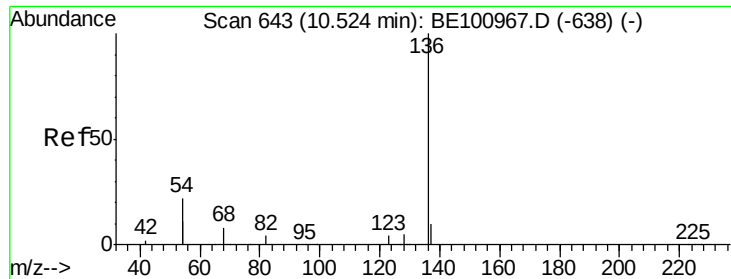


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE100965.D

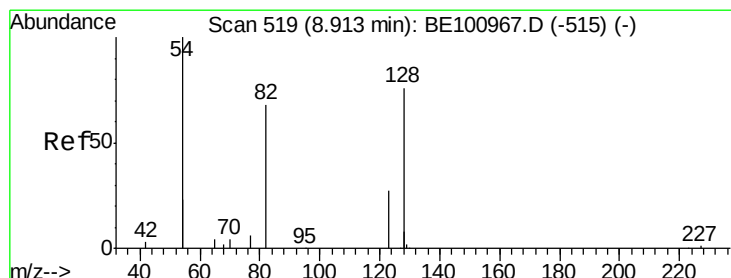
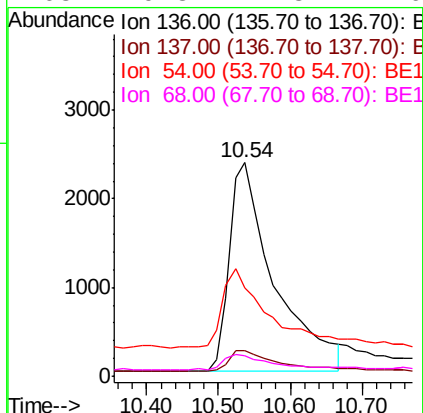
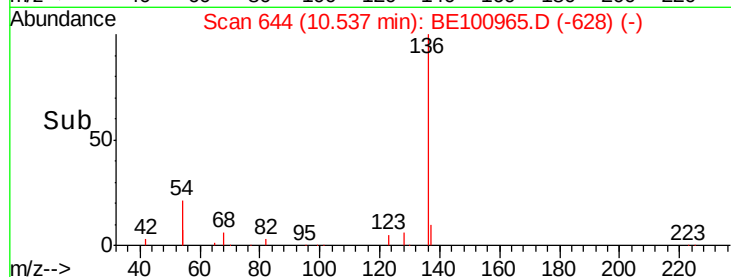
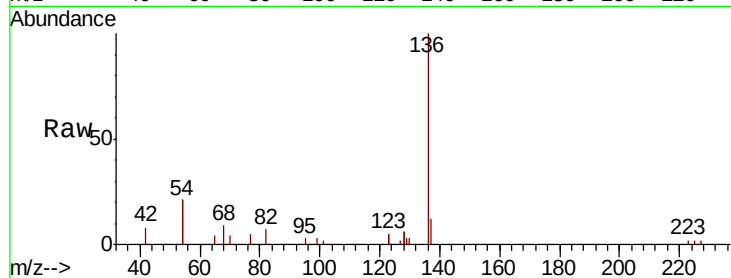
Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	10277
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.0 13.6
54	41.2	34.4 51.6
68	9.3	7.8 11.6



#8

Nitrobenzene-d5

Concen: 0.047 ng

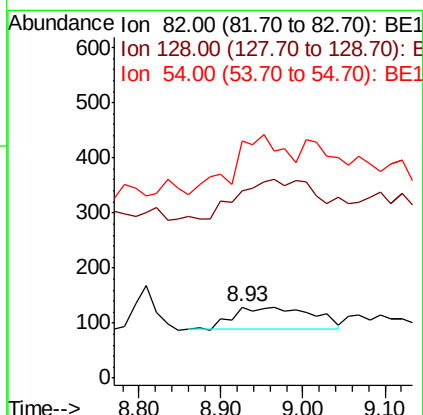
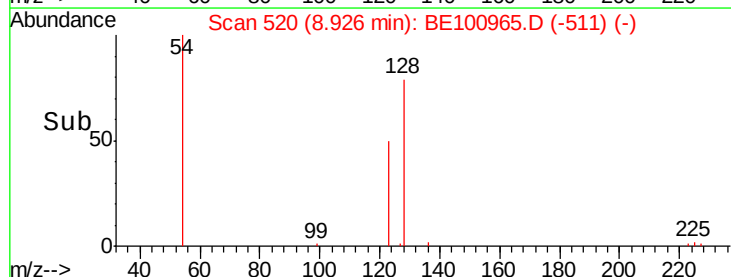
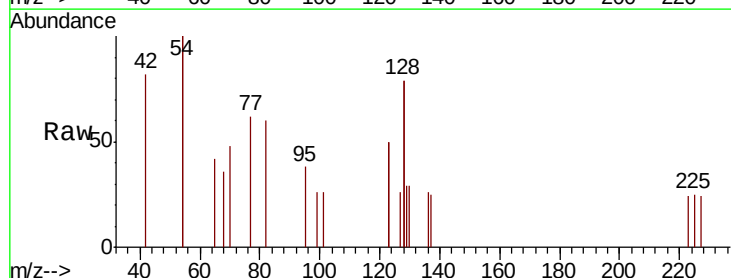
RT: 8.93 min Scan# 520

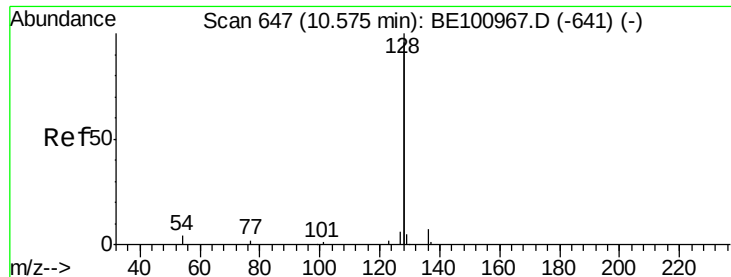
Delta R.T. 0.01 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Tgt Ion: 82	Resp:	256
Ion Ratio	Lower	Upper
82	100	
128	263.6	140.2 210.2#
54	334.9	183.8 275.6#





#9

Naphthalene

Concen: 0.101 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

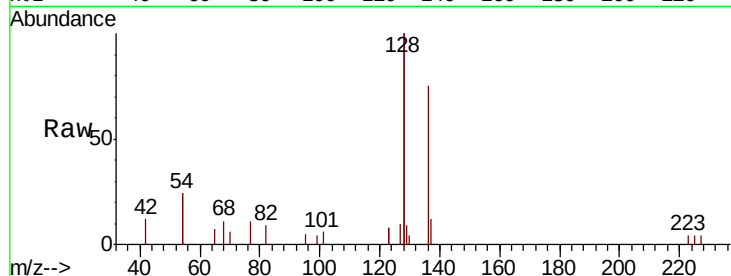
Tot Ion:128 Resp: 11242

Ion Ratio Lower Upper

128 100

129 4.7 2.6 3.8#

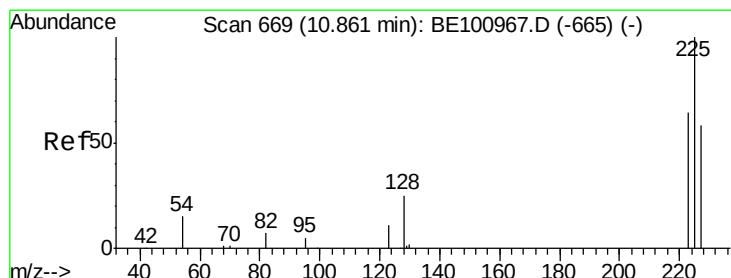
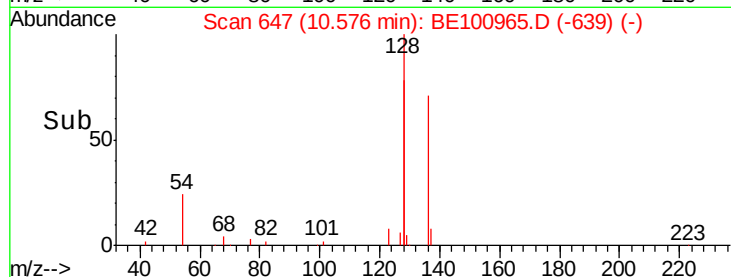
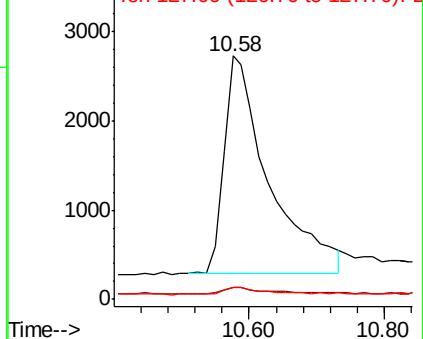
127 4.9 2.8 4.2#



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: 0.120 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

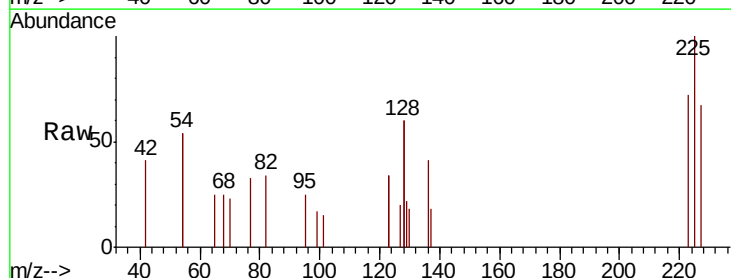
Tgt Ion:225 Resp: 571

Ion Ratio Lower Upper

225 100

223 65.0 51.4 77.0

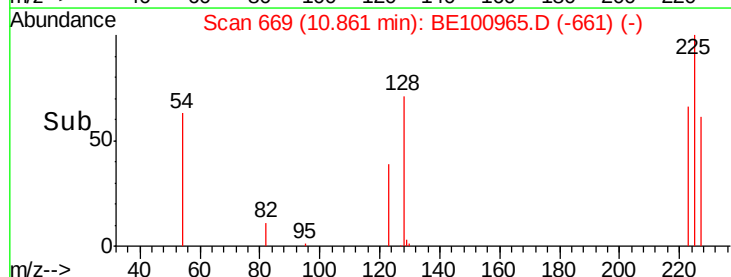
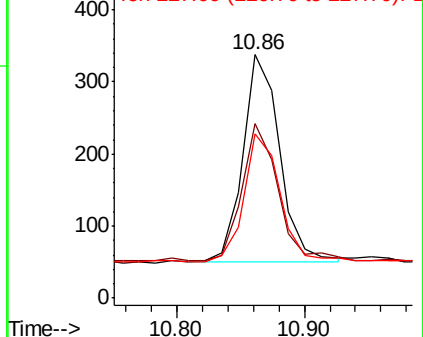
227 61.5 50.2 75.2

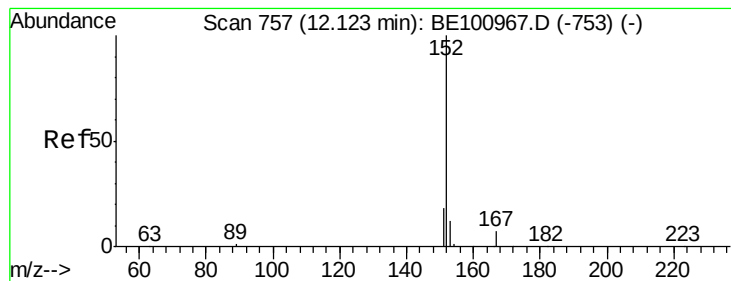


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.093 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.03 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

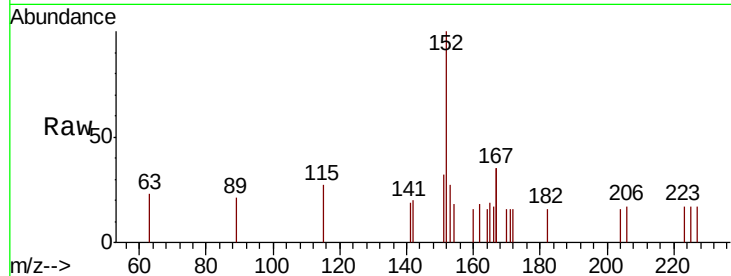
ClientSampleId :

Tot Ion:152 Resp: 1434

Ion Ratio Lower Upper

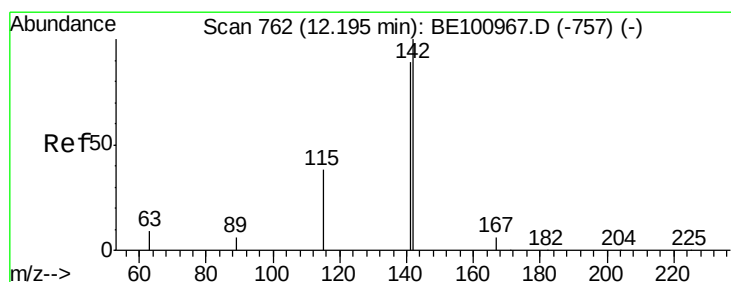
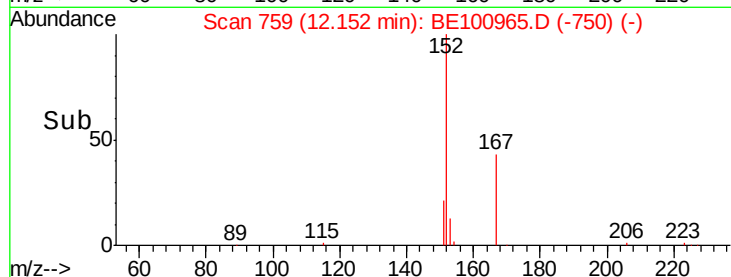
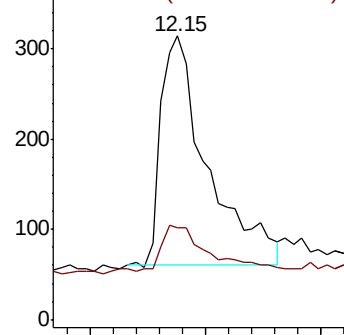
152 100

151 20.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.089 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

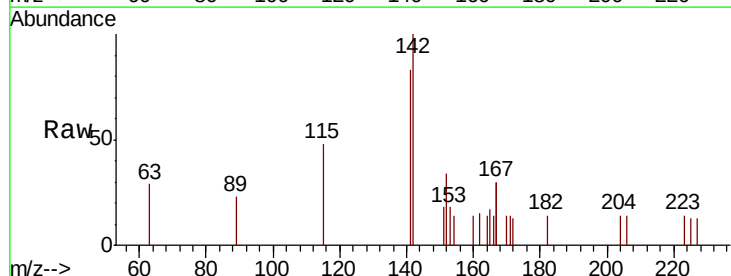
Tgt Ion:142 Resp: 1391

Ion Ratio Lower Upper

142 100

141 83.3 70.8 106.2

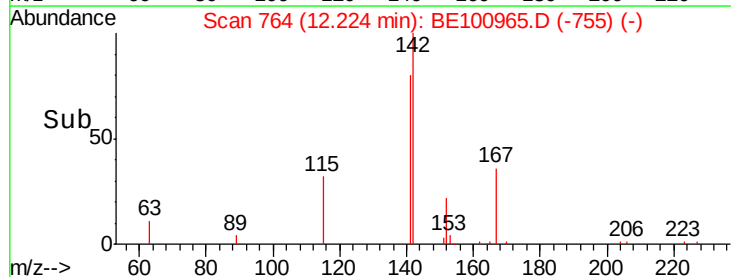
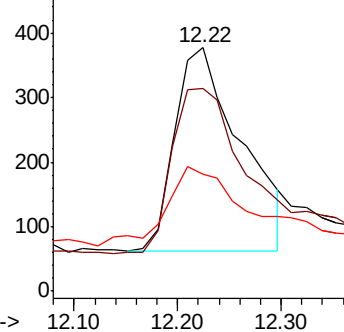
115 48.0 32.0 48.0#

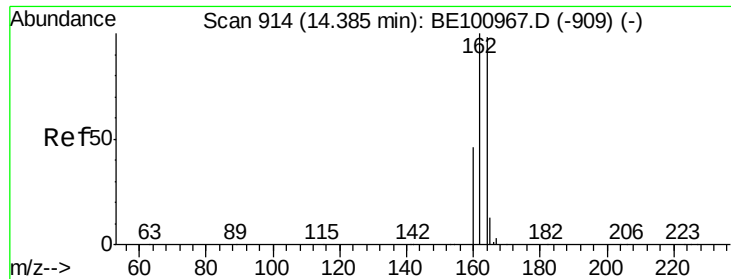


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

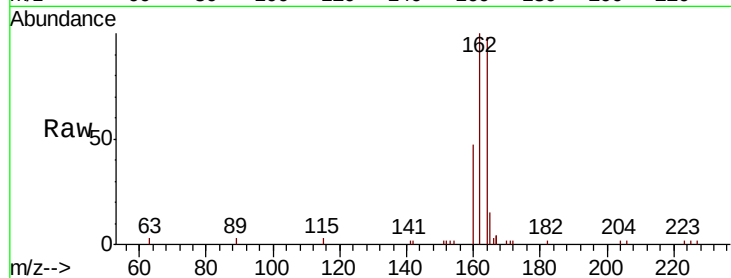




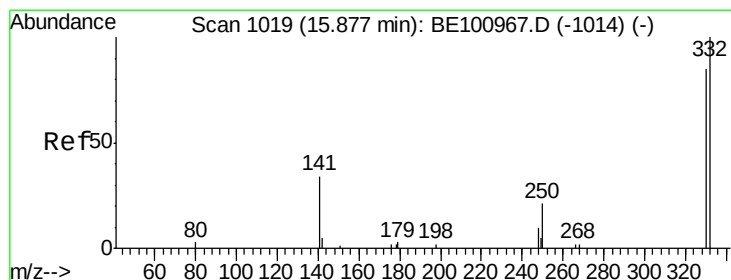
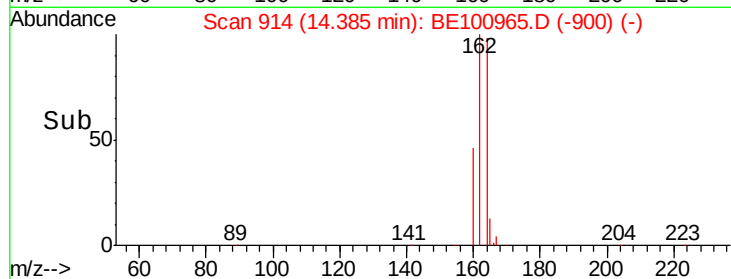
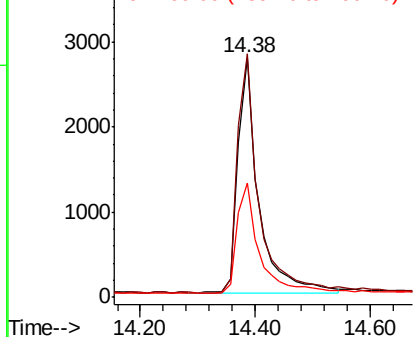
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100965.D
 Acq: 24 Dec 2019 9:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 6930
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.6 122.4
 160 47.6 37.7 56.5

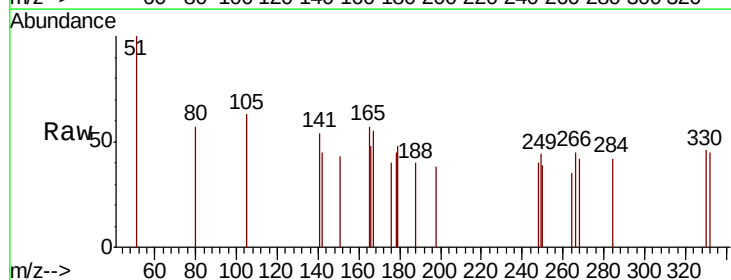


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

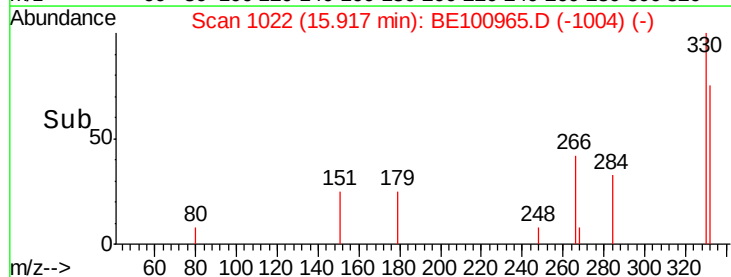
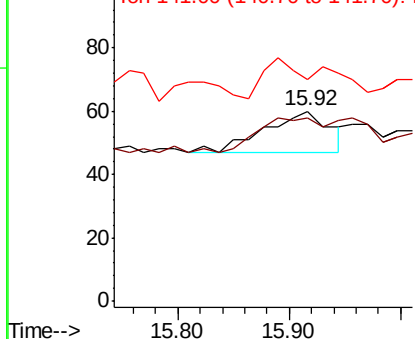


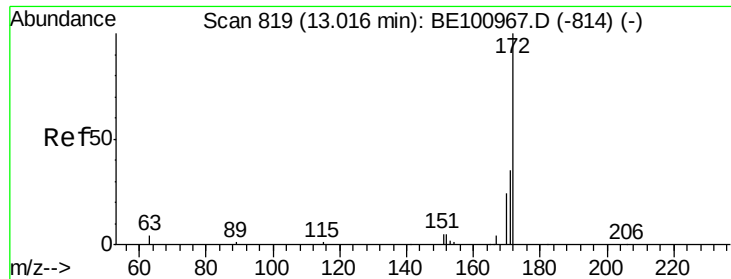
#14
 2,4,6-Tribromophenol
 Concen: 0.031 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. 0.04 min
 Lab File: BE100965.D
 Acq: 24 Dec 2019 9:11

Tgt Ion:330 Resp: 53
 Ion Ratio Lower Upper
 330 100
 332 0.0 72.4 108.6#
 141 0.0 25.4 38.2#



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

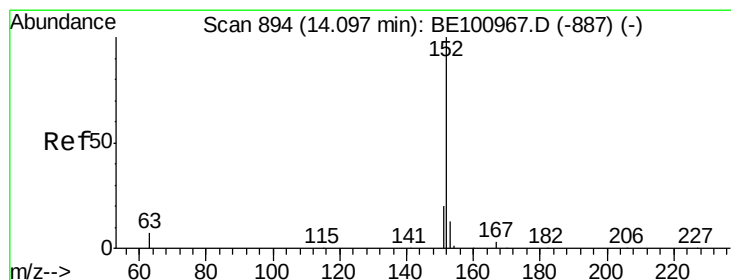
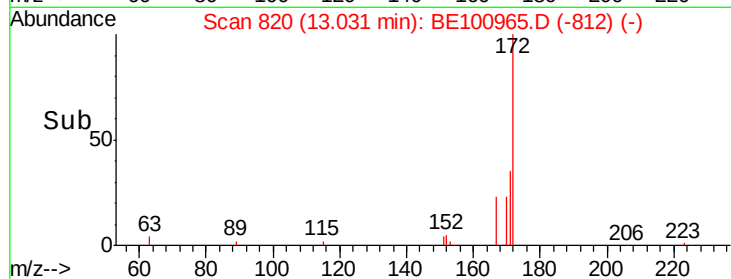
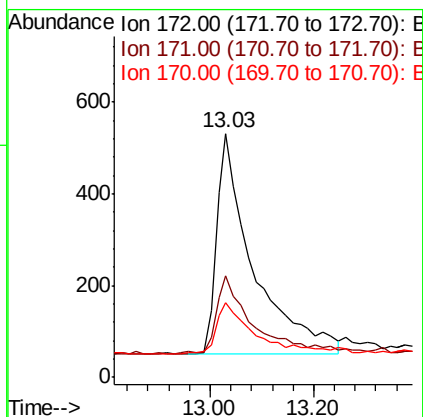
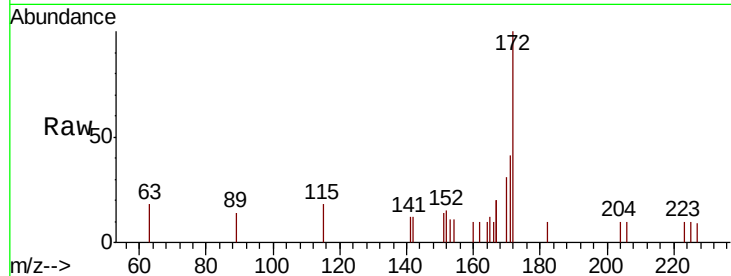




#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.01 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

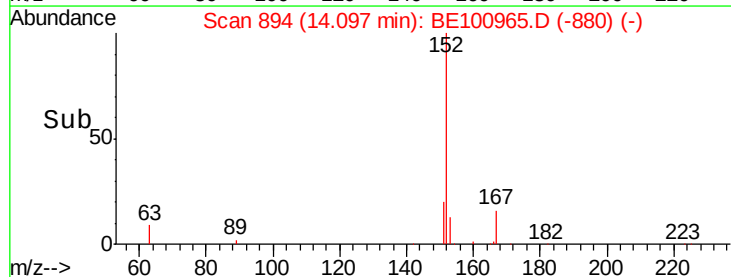
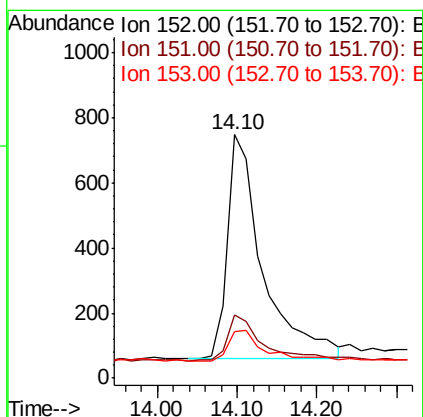
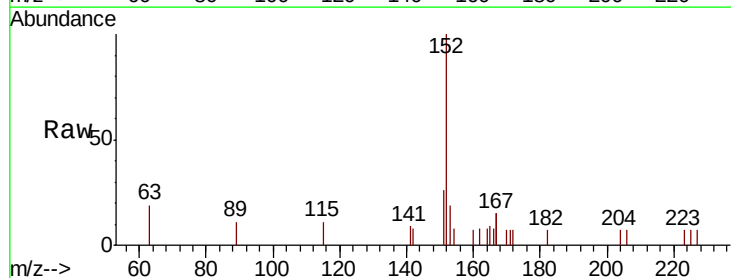
Instrument :
BNA_E
ClientSampleId :

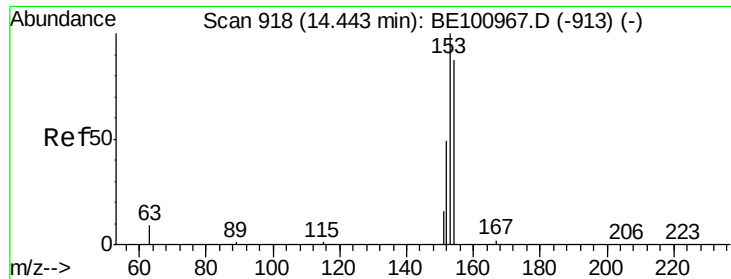
Tot Ion:172 Resp: 2358
Ion Ratio Lower Upper
172 100
171 41.4 29.0 43.6
170 30.9 20.0 30.0#



#16
Acenaphthylene
Concen: 0.074 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Tgt Ion:152 Resp: 2117
Ion Ratio Lower Upper
152 100
151 21.8 15.5 23.3
153 14.5 10.5 15.7

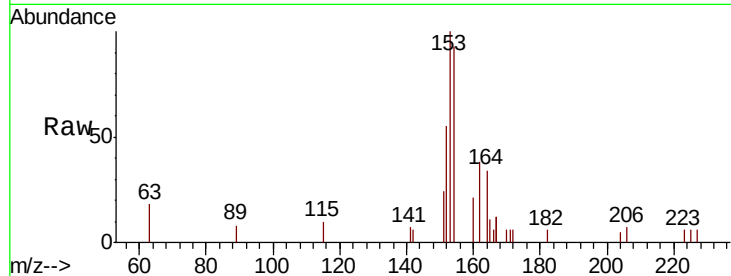




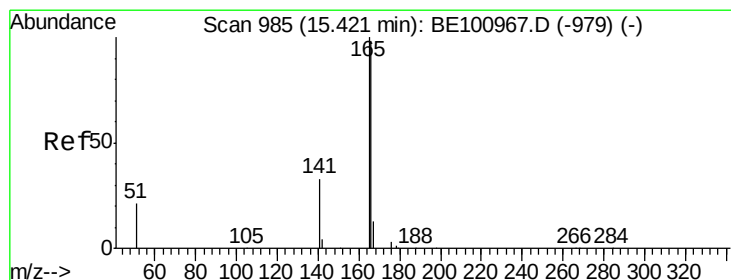
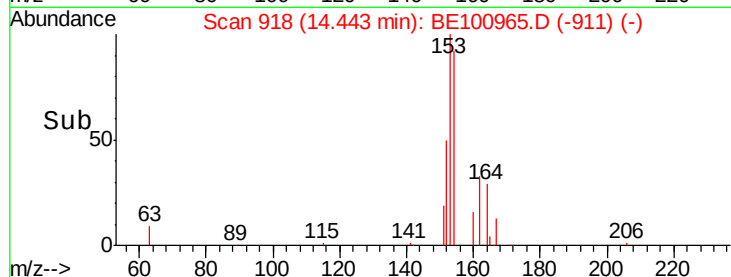
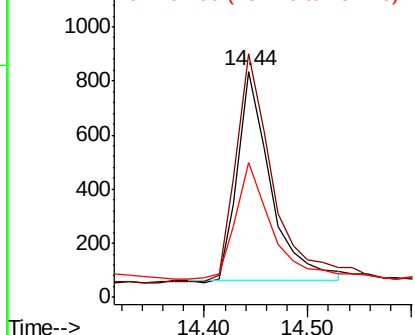
#17
Acenaphthene
Concen: 0.088 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1708
Ion Ratio Lower Upper
154 100
153 120.6 91.7 137.5
152 59.5 44.5 66.7

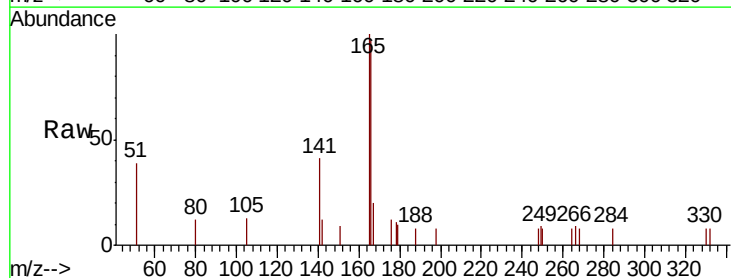


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

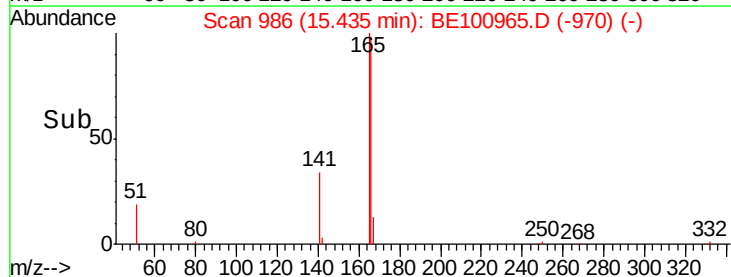
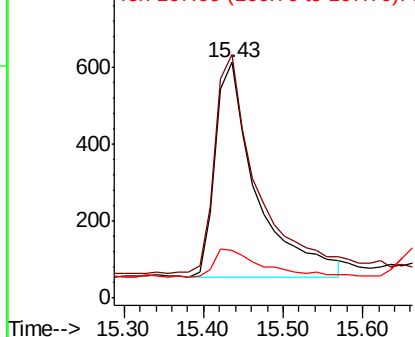


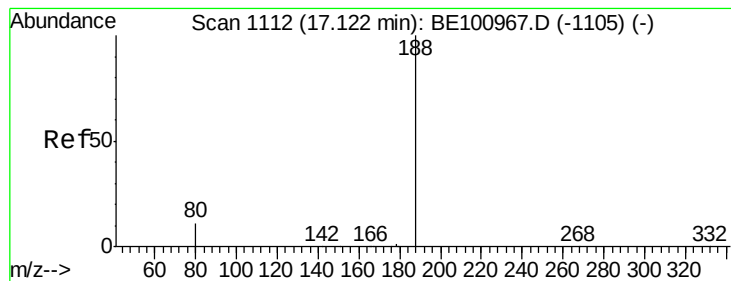
#18
Fluorene
Concen: 0.082 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.01 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Tgt Ion:166 Resp: 2012
Ion Ratio Lower Upper
166 100
165 101.7 79.4 119.0
167 16.1 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: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

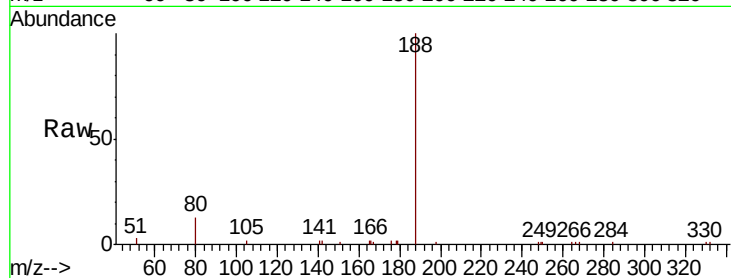
Tot Ion:188 Resp: 14659

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

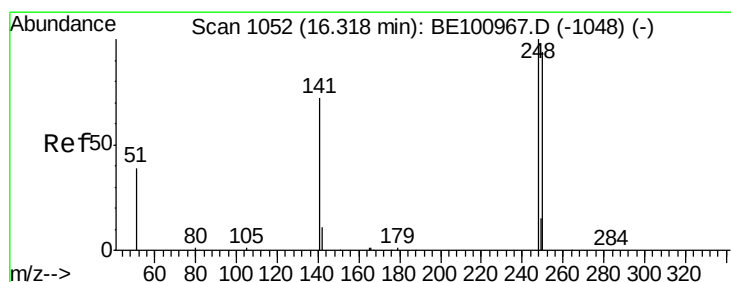
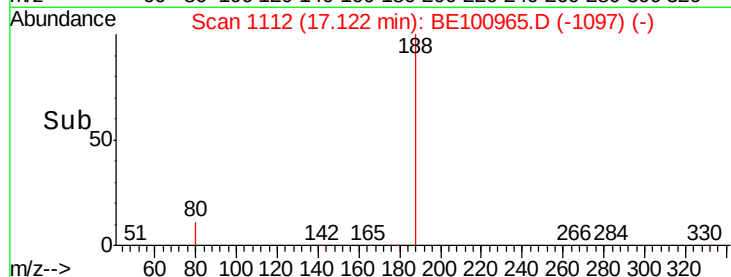
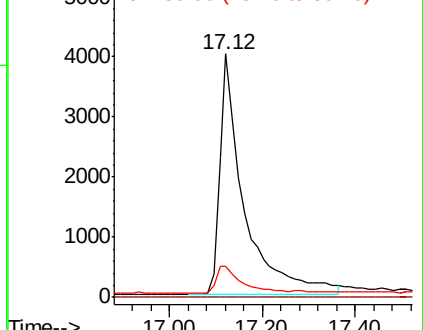
80 12.8 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.083 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

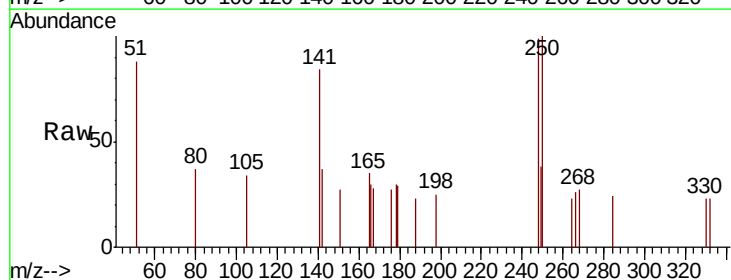
Tgt Ion:248 Resp: 538

Ion Ratio Lower Upper

248 100

250 101.4 76.0 114.0

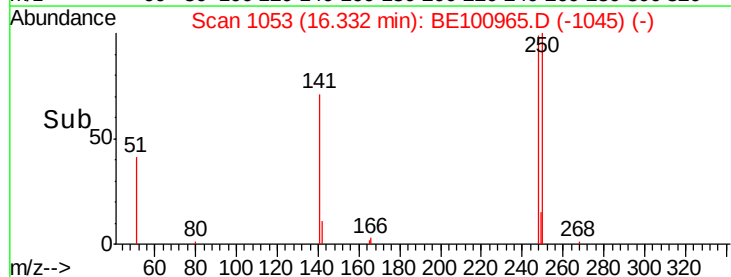
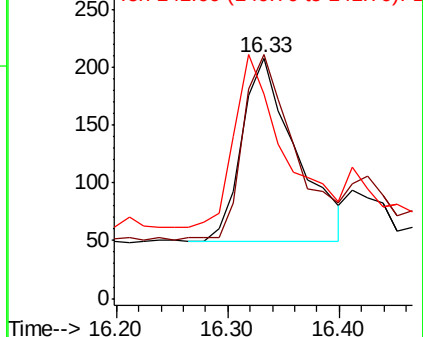
141 85.1 61.0 91.6

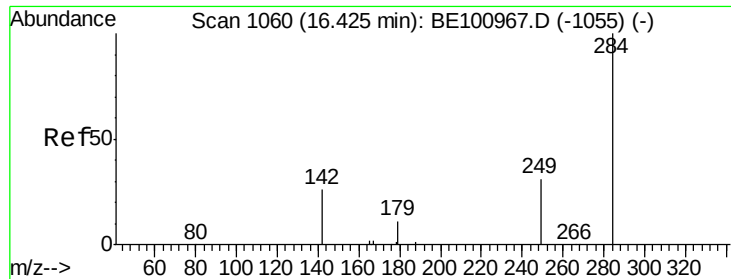


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

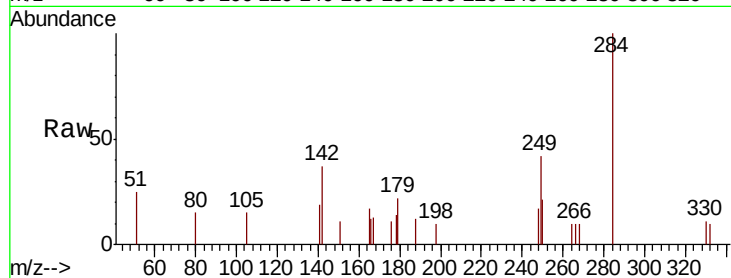




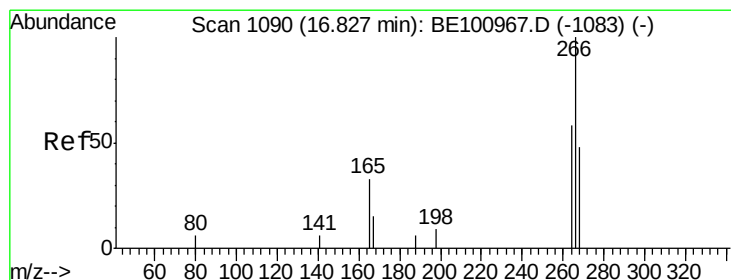
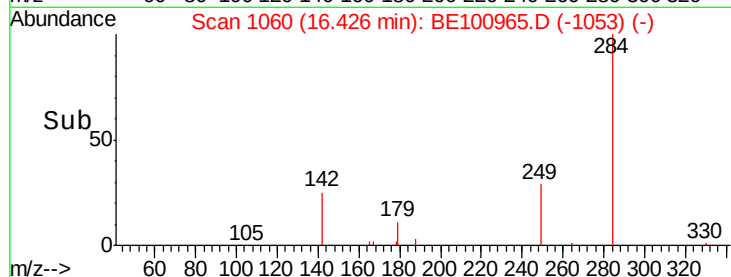
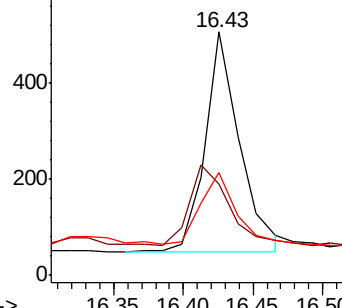
#21
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.2	33.3	49.9
249	33.4	27.2	40.8

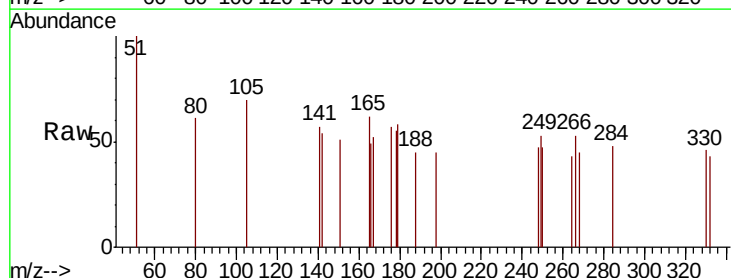


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

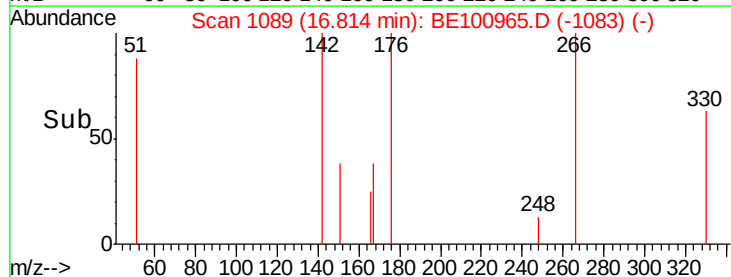
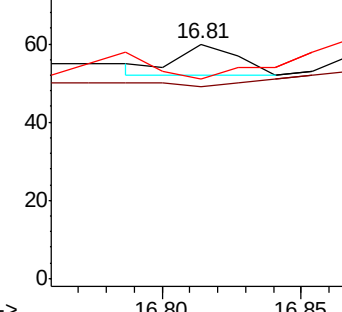


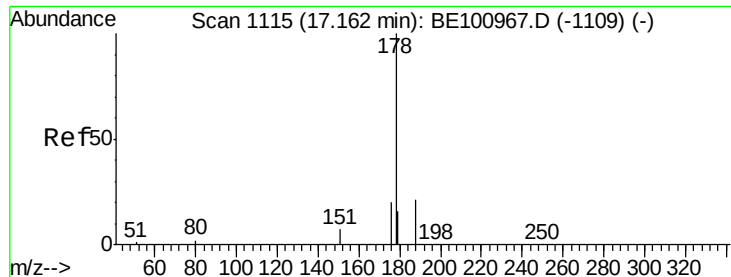
#22
Pentachlorophenol
Concen: 0.011 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE100965.D
Acq: 24 Dec 2019 9:11

Tgt Ion	Ratio	Lower	Upper
266	100		
264	81.7	62.3	93.5
268	85.0	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: 0.089 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

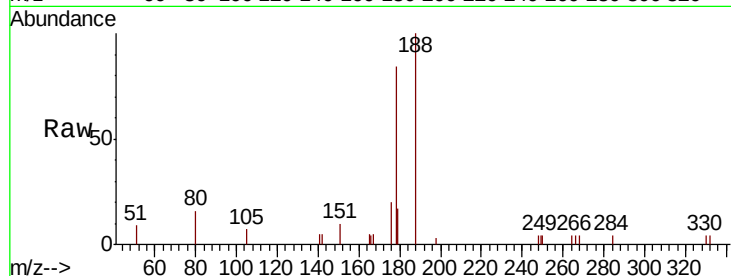
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 3407

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.7	23.5
179	15.5	12.6	18.8

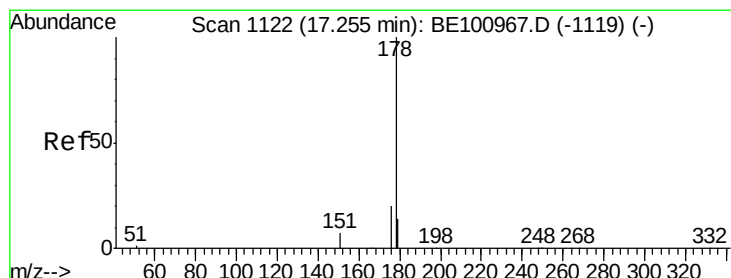
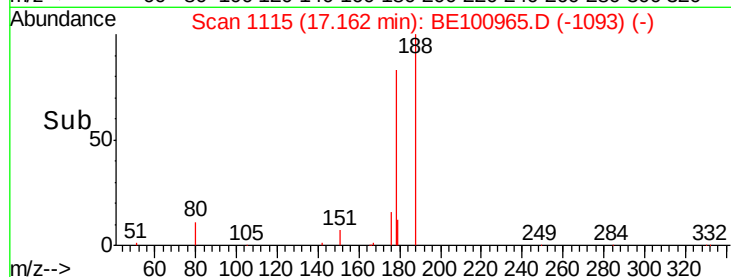
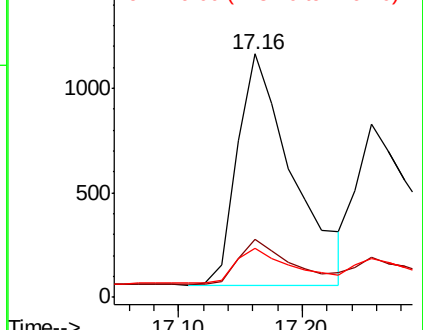


Abundance

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: 0.060 ng

RT: 17.26 min Scan# 1122

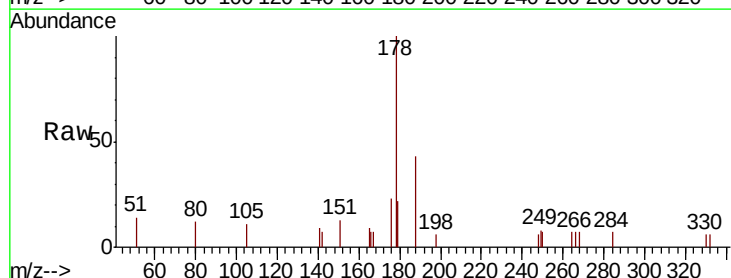
Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Tgt Ion:178 Resp: 1530

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	16.5	12.5	18.7

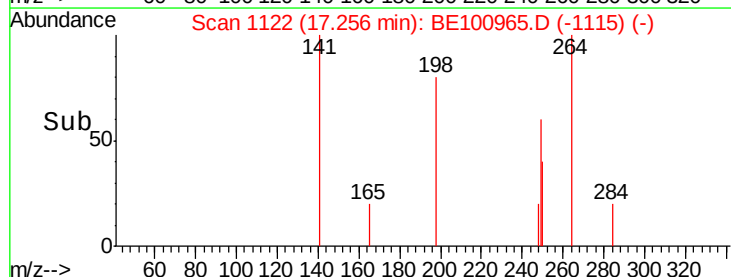
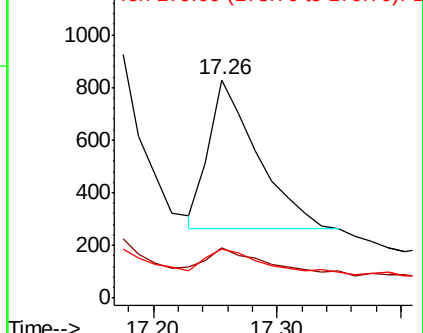


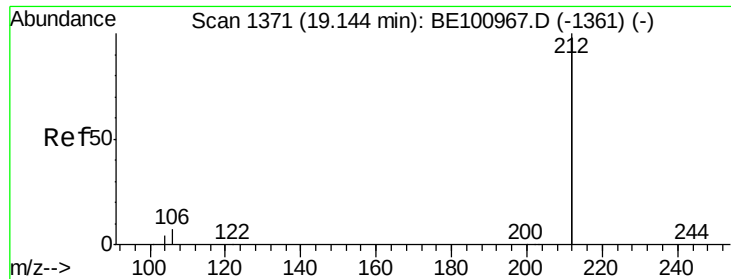
Abundance

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

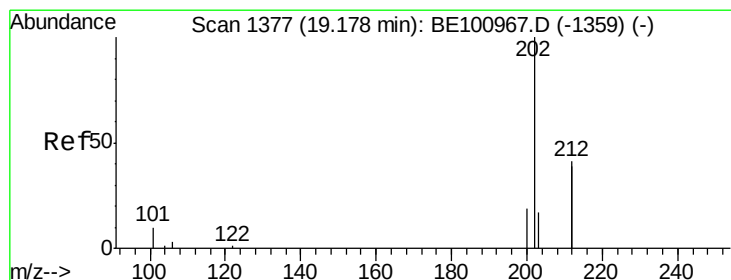
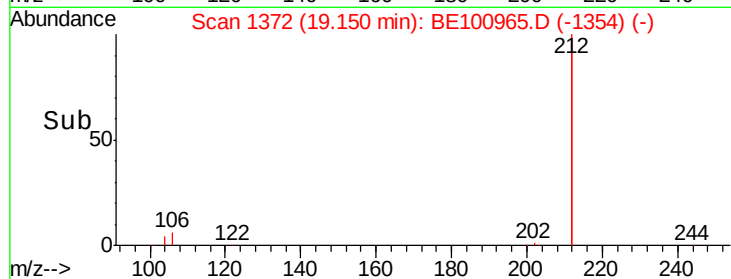
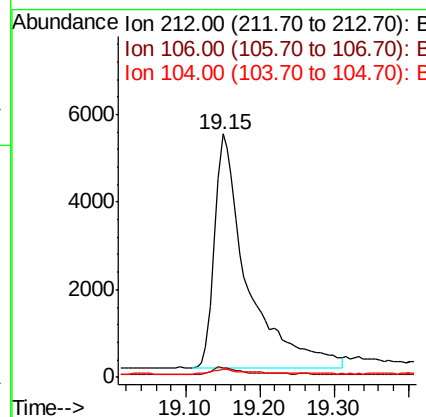
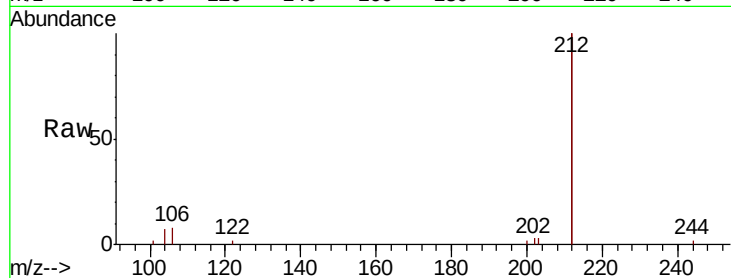




#25
 Fluoranthene-d10
 Concen: 0.090 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BE100965.D
 Acq: 24 Dec 2019 9:11

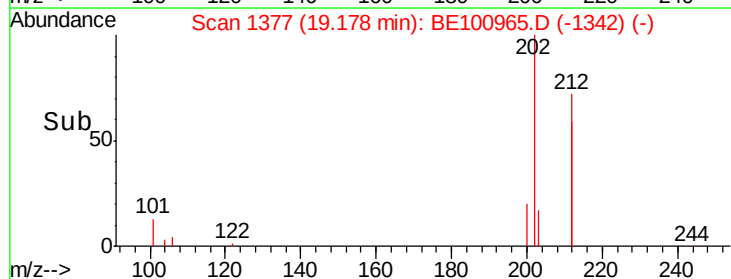
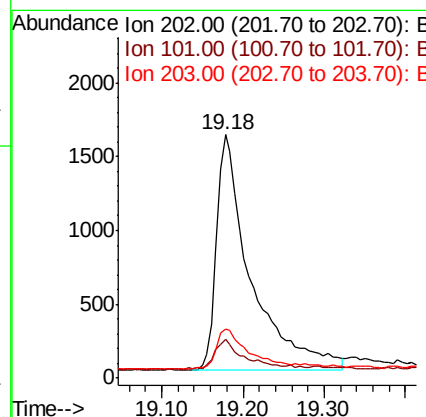
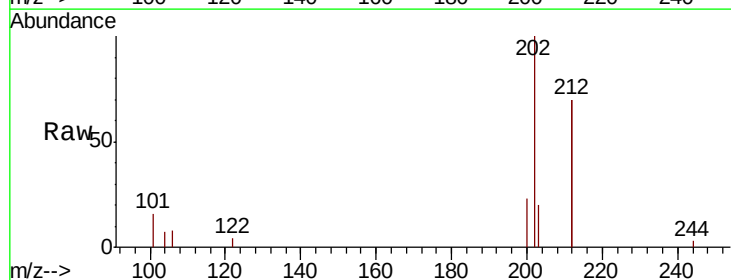
Instrument :
 BNA_E
 ClientSampleId :

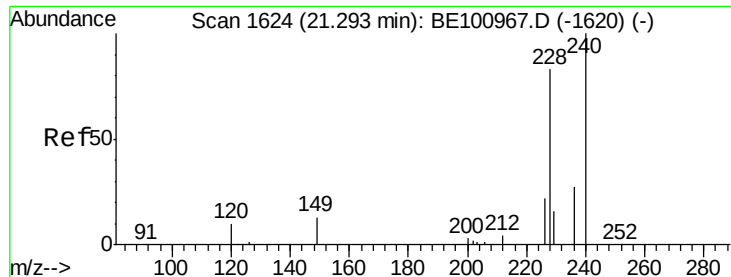
Tot Ion:212 Resp: 16498
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.4 3.6
 104 2.3 1.4 2.0#



#26
 Fluoranthene
 Concen: 0.088 ng
 RT: 19.18 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BE100965.D
 Acq: 24 Dec 2019 9:11

Tgt Ion:202 Resp: 4658
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.0 13.4
 203 15.9 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

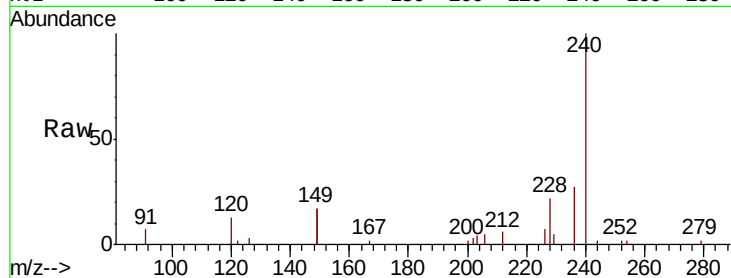
Tot Ion:240 Resp: 14414

Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.4

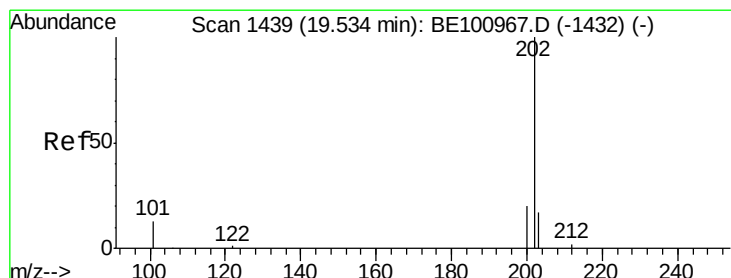
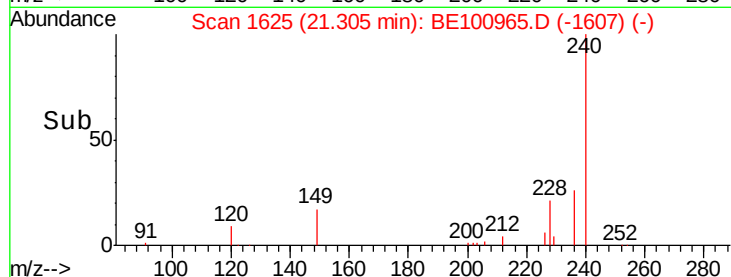
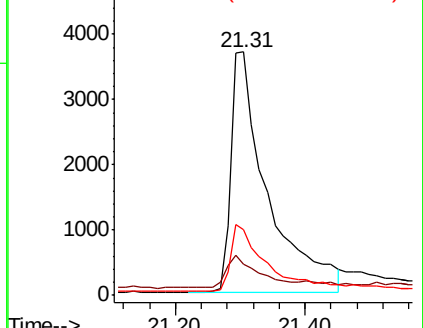
236 27.2 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.101 ng

RT: 19.54 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

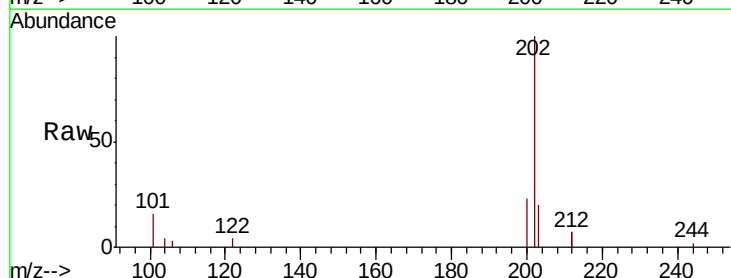
Tgt Ion:202 Resp: 5203

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

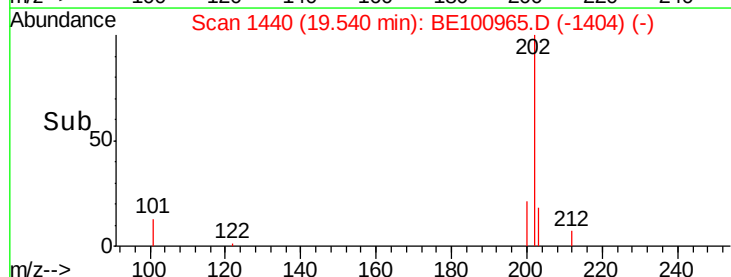
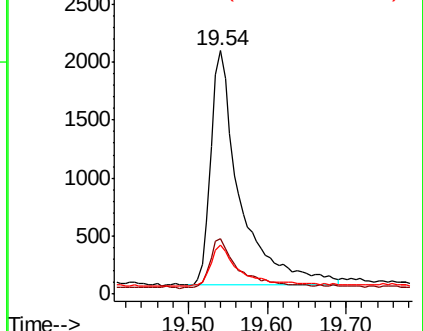
203 16.1 13.8 20.6

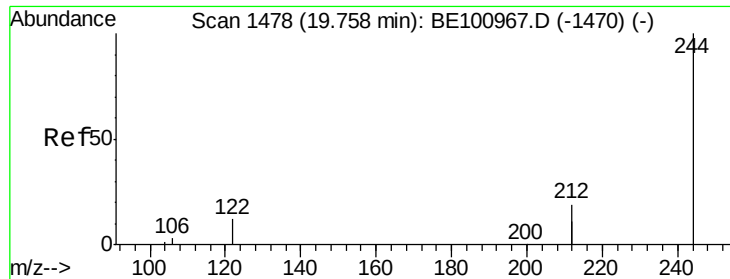


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.099 ng

RT: 19.76 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampled :

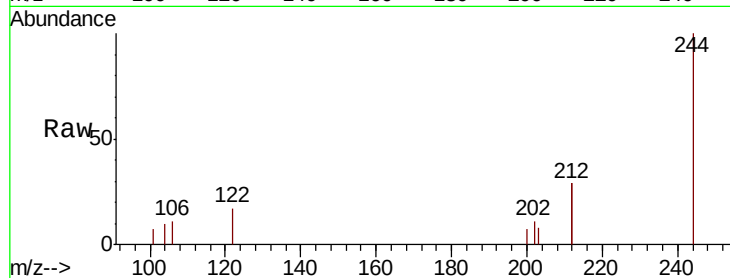
Tot Ion:244 Resp: 3241

Ion Ratio Lower Upper

244 100

212 57.8 29.3 43.9#

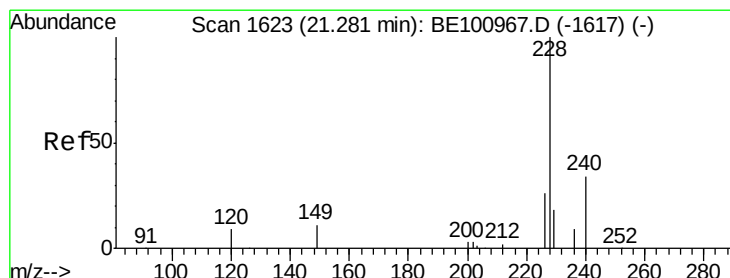
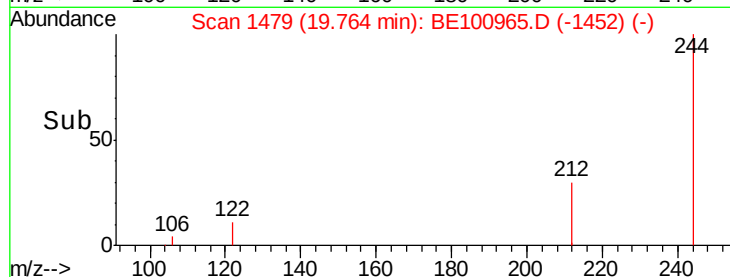
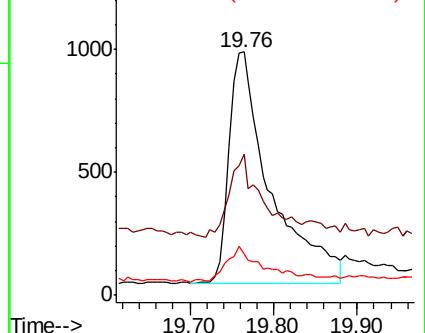
122 16.8 10.2 15.4#



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: 0.073 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

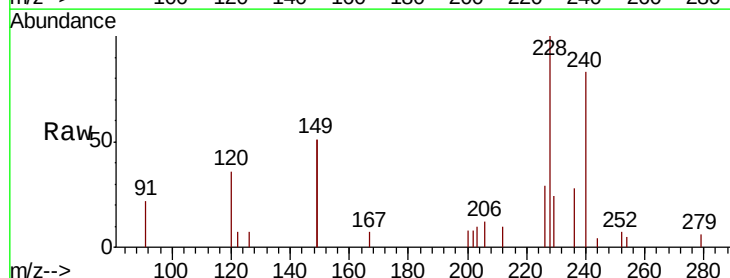
Tgt Ion:228 Resp: 2755

Ion Ratio Lower Upper

228 100

226 28.9 21.8 32.6

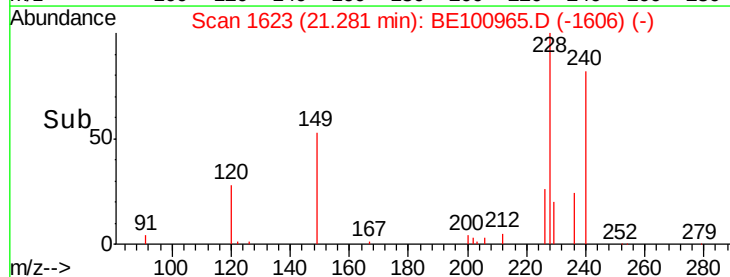
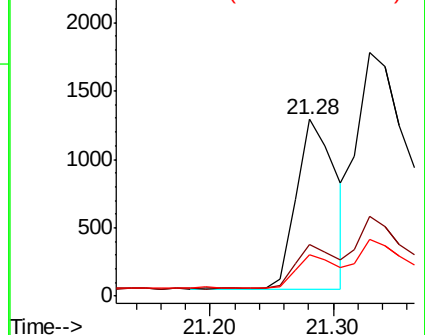
229 23.7 15.4 23.0#

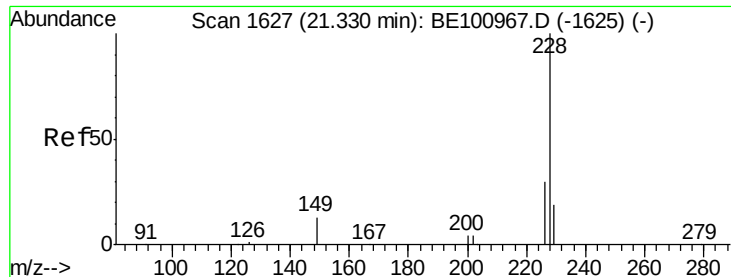


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.086 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampled :

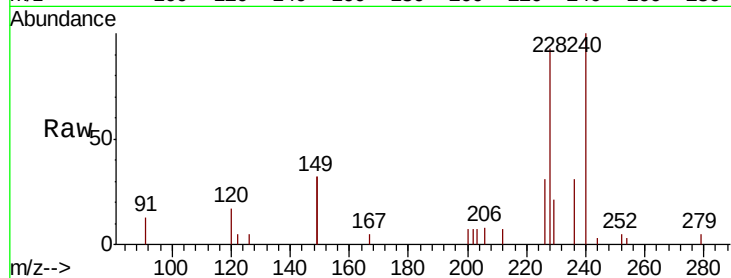
Tot Ion:228 Resp: 4105

Ion Ratio Lower Upper

228 100

226 33.0 23.6 35.4

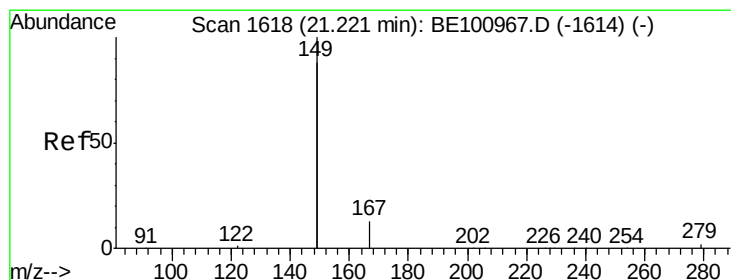
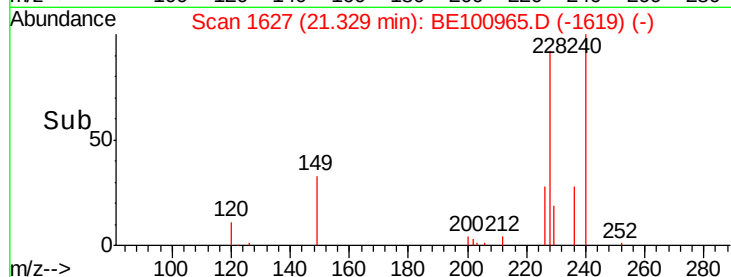
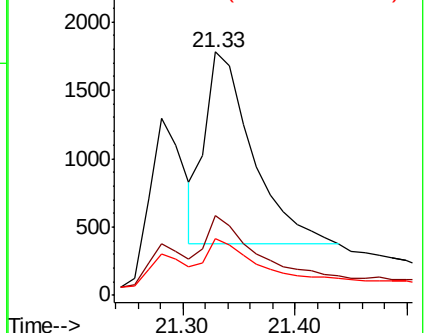
229 23.2 15.7 23.5



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: 0.086 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

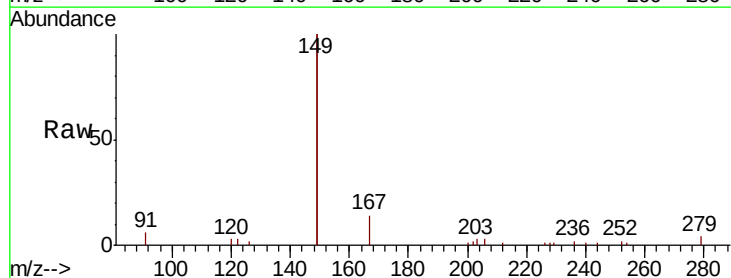
Tgt Ion:149 Resp: 10241

Ion Ratio Lower Upper

149 100

167 6.7 5.1 7.7

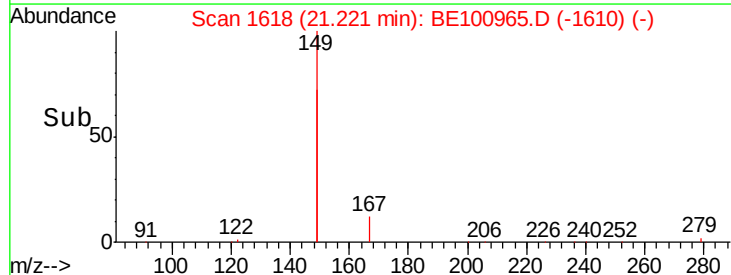
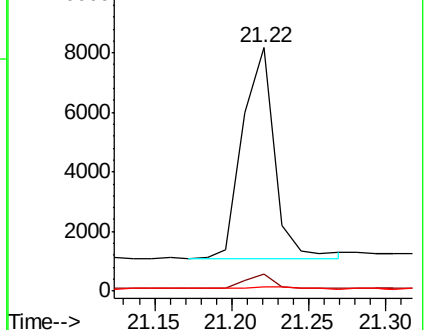
279 1.1 0.6 1.0#

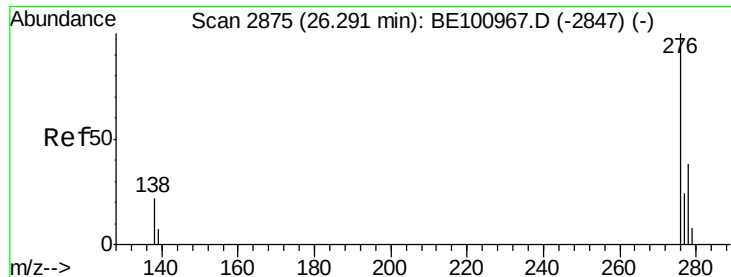


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.075 ng

RT: 26.30 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

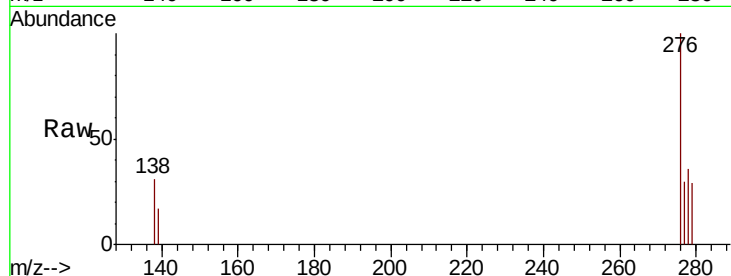
Tot Ion:276 Resp: 3760

Ion Ratio Lower Upper

276 100

138 11.6 14.8 22.2#

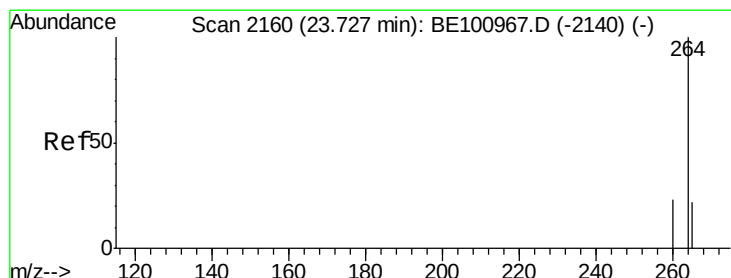
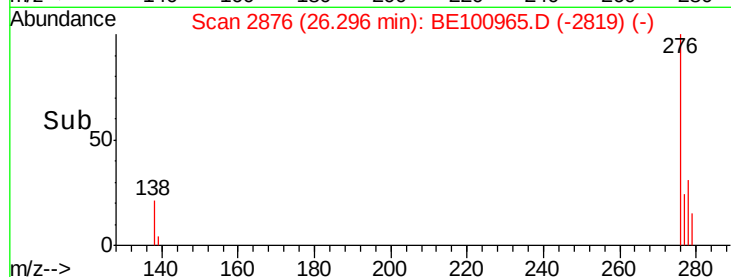
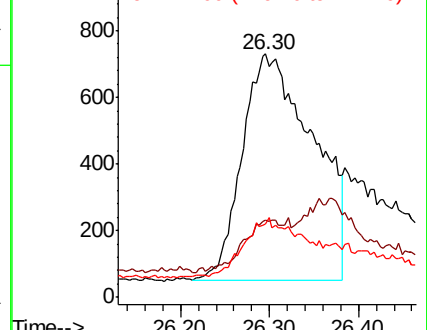
277 22.3 18.0 27.0



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: BE100965.D

Acq: 24 Dec 2019 9:11

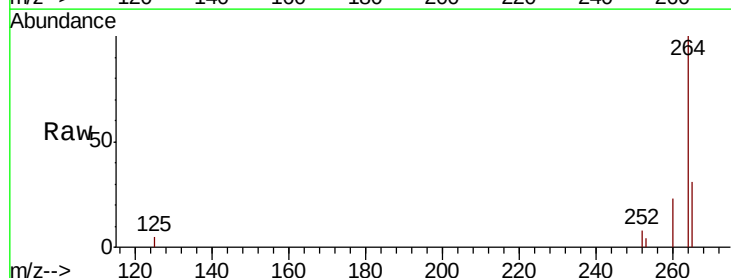
Tgt Ion:264 Resp: 20159

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

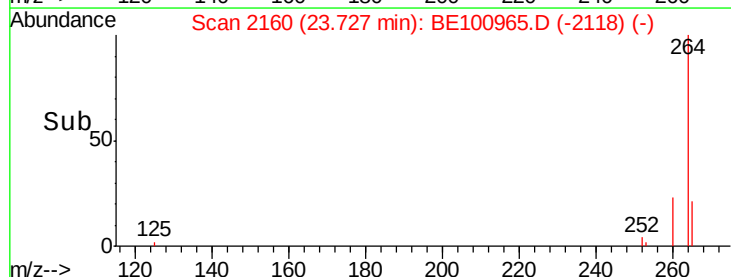
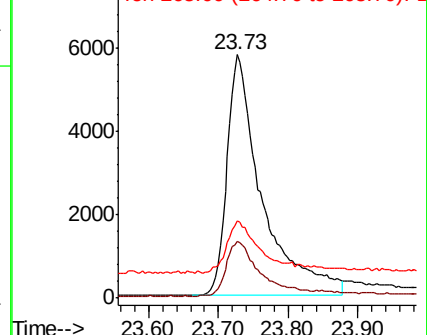
265 31.5 26.6 40.0

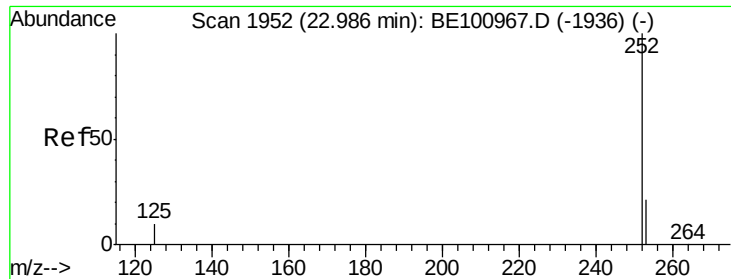


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.073 ng

RT: 22.99 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

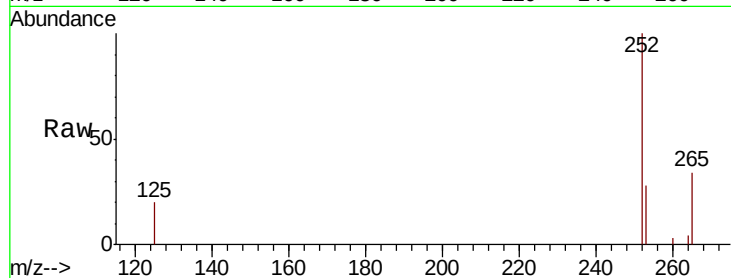
Tot Ion:252 Resp: 3282

Ion Ratio Lower Upper

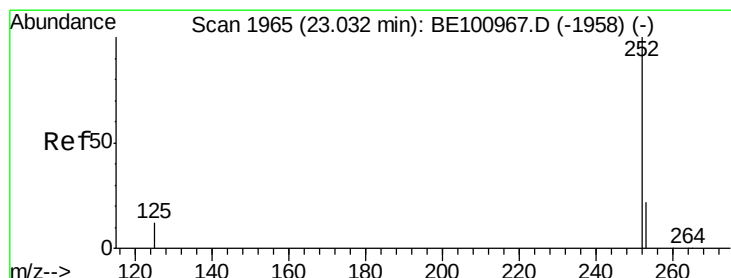
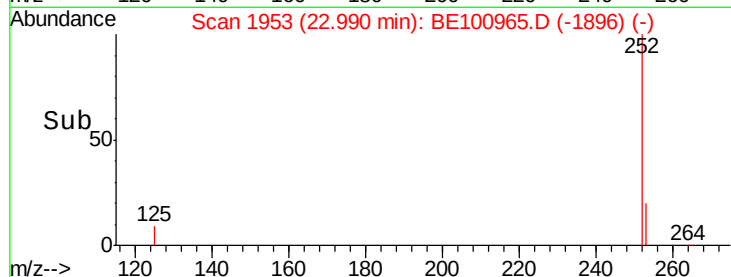
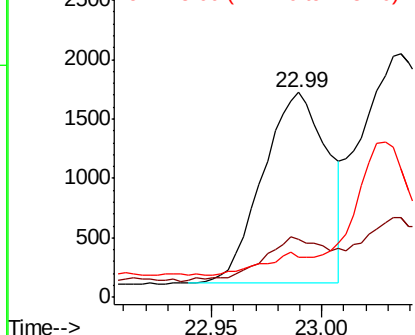
252 100

253 28.4 18.2 27.4#

125 19.7 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: 0.100 ng

RT: 23.04 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

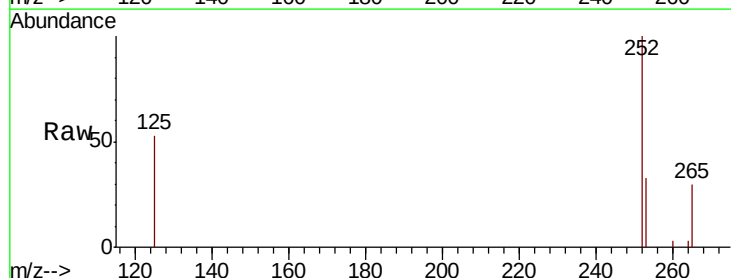
Tgt Ion:252 Resp: 5951

Ion Ratio Lower Upper

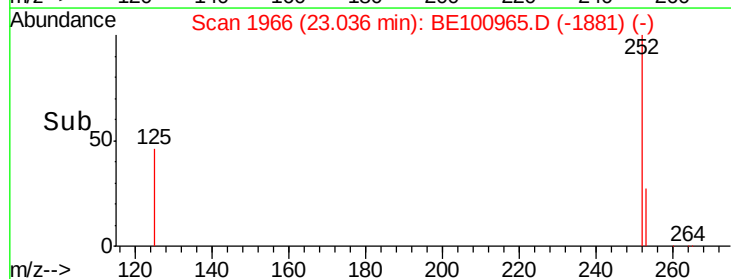
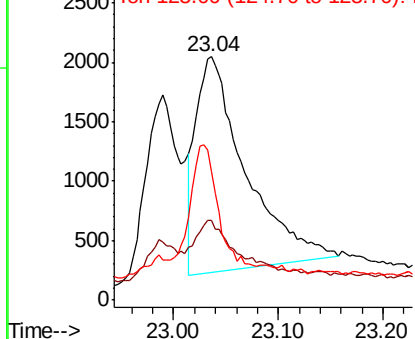
252 100

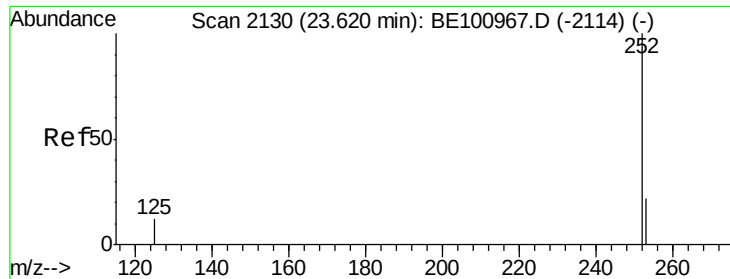
253 32.8 18.9 28.3#

125 52.9 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: 0.092 ng

RT: 23.62 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

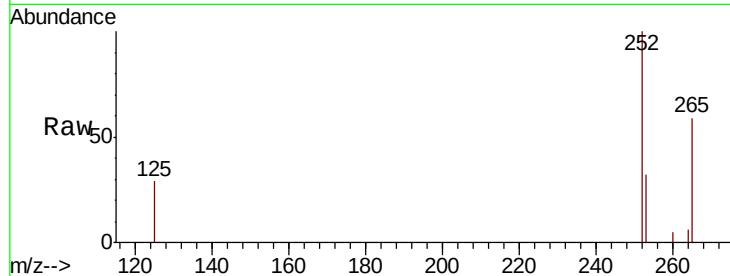
Tot Ion:252 Resp: 4669

Ion Ratio Lower Upper

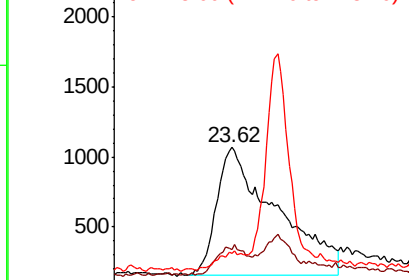
252 100

253 31.8 20.1 30.1#

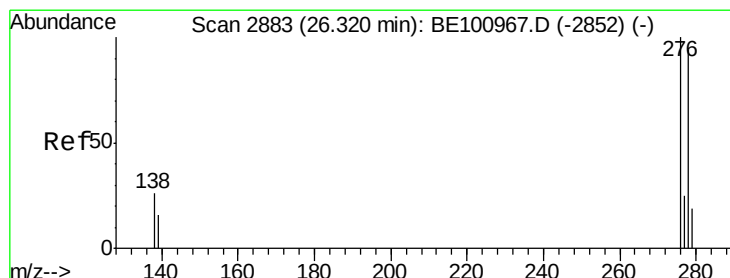
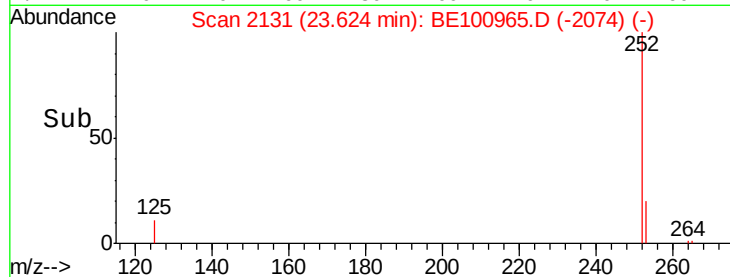
125 29.5 12.6 18.8#



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



Time-->



#38

Dibenzo(a,h)anthracene

Concen: 0.038 ng

RT: 26.32 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

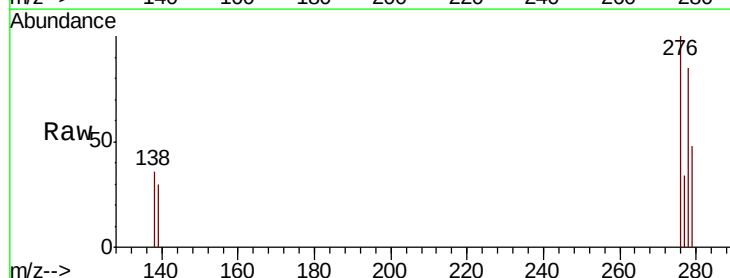
Tgt Ion:278 Resp: 1648

Ion Ratio Lower Upper

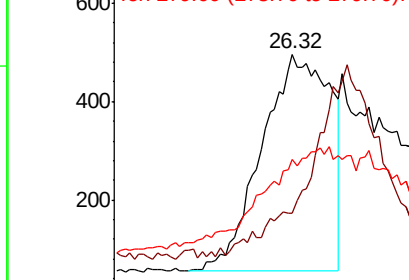
278 100

139 34.7 16.4 24.6#

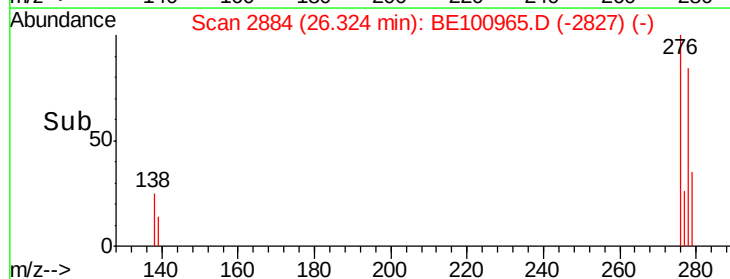
279 56.7 19.3 28.9#

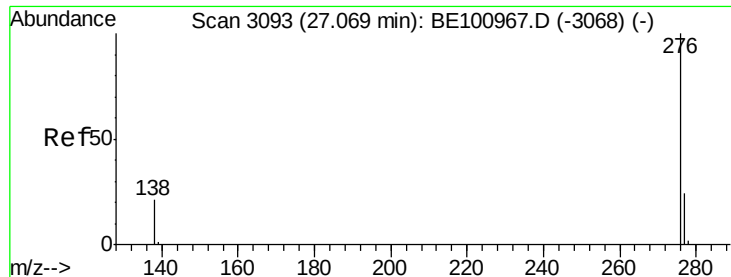


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#39

Benzo(a,h,i)perylene

Concen: 0.086 ng

RT: 27.07 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BE100965.D

Acq: 24 Dec 2019 9:11

Instrument :

BNA_E

ClientSampleId :

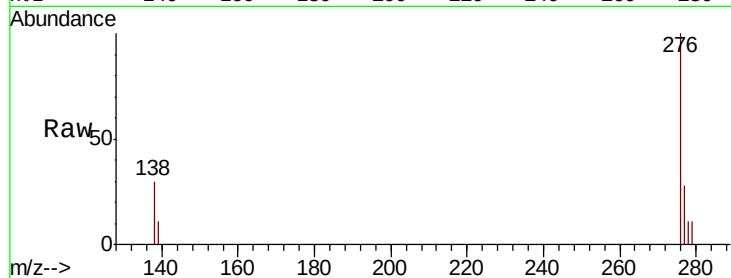
Tot Ion: 276 Resp: 4571

Ion Ratio Lower Upper

276 100

277 27.9 20.0 30.0

138 30.2 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

