

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100976.D
 Acq On : 26 Dec 2019 18:11
 Operator : JU
 Sample : PB125683BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:08:34 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 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3243	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	16741	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	9891	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	23005	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	20846	0.40	ng	0.00
34) Perylene-d12	23.72	264	28548	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	1995	0.36	ng	-0.01
5) Phenol-d6	6.96	99	2173	0.39	ng	-0.02
8) Nitrobenzene-d5	8.90	82	2501	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	10367	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	677	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	15243	0.43	ng	0.00
25) Fluoranthene-d10	19.14	212	104585	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	20869	0.44	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	4645	0.474	ng	94
3) n-Nitrosodimethylamine	3.64	42	952	0.542	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	3679	0.314	ng	72
9) Naphthalene	10.57	128	75936	0.427	ng	99
10) Hexachlorobutadiene	10.86	225	3227	0.410	ng	99
12) 2-Methylnaphthalene	12.19	142	10460	0.388	ng	99
16) Acenaphthylene	14.10	152	12741	0.345	ng	99
17) Acenaphthene	14.44	154	11863	0.442	ng	99
18) Fluorene	15.42	166	15046	0.449	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	3950	0.391	ng	98
21) Hexachlorobenzene	16.42	284	4676	0.392	ng	99
22) Pentachlorophenol	16.80	266	348	0.340	ng	95
23) Phenanthrene	17.15	178	24897	0.420	ng	99
24) Anthracene	17.25	178	13616	0.227	ng	99
26) Fluoranthene	19.17	202	30965	0.383	ng	99
28) Pyrene	19.54	202	31757	0.435	ng	99
30) Benzo(a)anthracene	21.27	228	22309	0.437	ng	98
31) Chrysene	21.33	228	27582	0.290	ng	100
32) Bis(2-ethylhexyl)phthalate	21.21	149	32511	0.359	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	35328	0.494	ng	96
35) Benzo(b)fluoranthene	22.98	252	25660	0.427	ng	100
36) Benzo(k)fluoranthene	22.98	252	25660	0.225	ng	97
37) Benzo(a)pyrene	23.62	252	29473	0.420	ng	97
38) Dibenzo(a,h)anthracene	26.31	278	26115	0.411	ng	# 94
39) Benzo(g,h,i)perylene	27.06	276	32225	0.430	ng	98

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

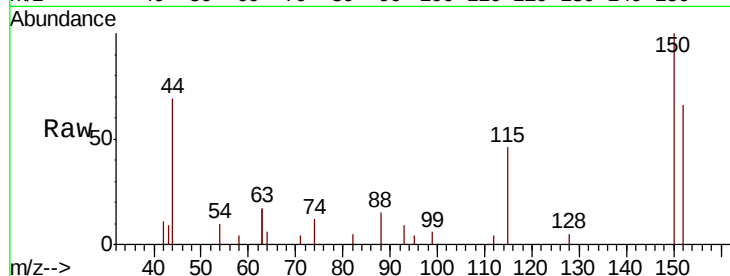


#1

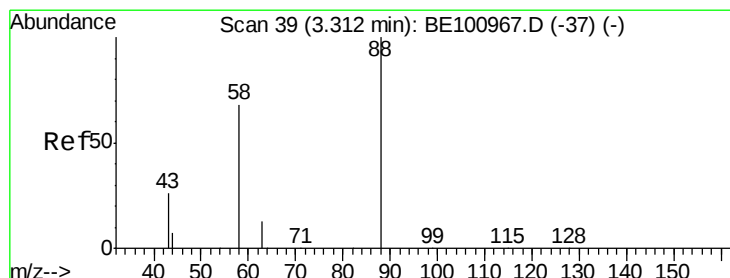
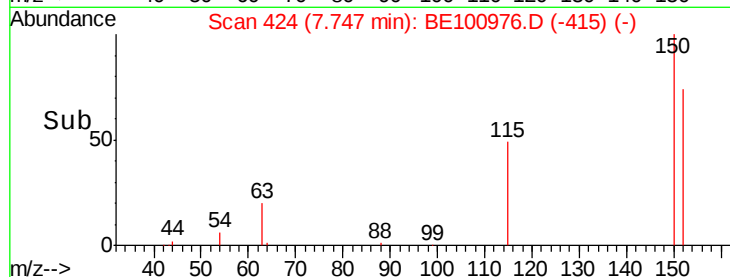
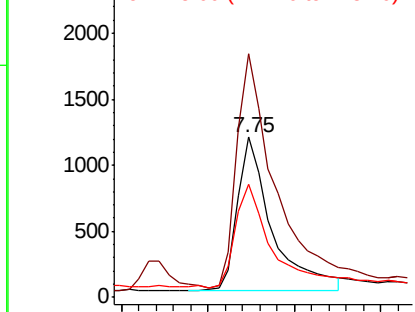
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3243
Ion Ratio Lower Upper
152 100
150 151.9 132.6 199.0
115 70.3 64.1 96.1



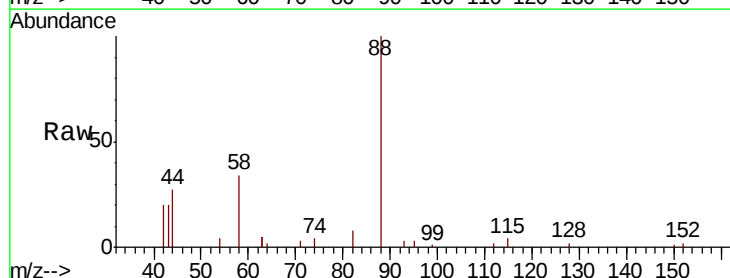
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



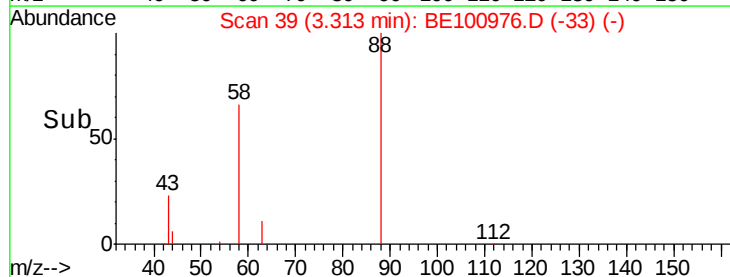
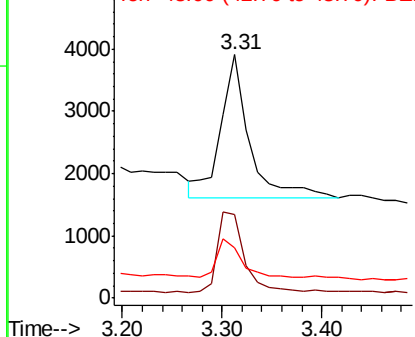
#2

1,4-Dioxane
Concen: 0.474 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion: 88 Resp: 4645
Ion Ratio Lower Upper
88 100
58 52.0 44.2 66.4
43 21.1 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: 0.542 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.03 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

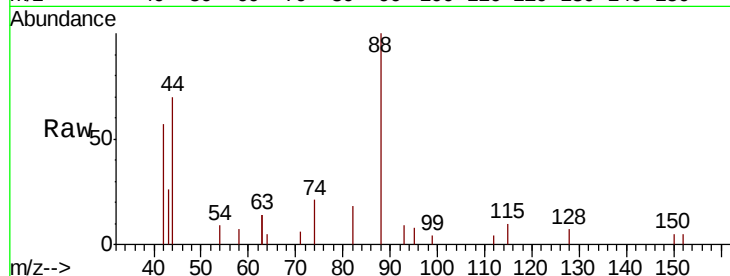
Tot Ion: 42 Resp: 952

Ion Ratio Lower Upper

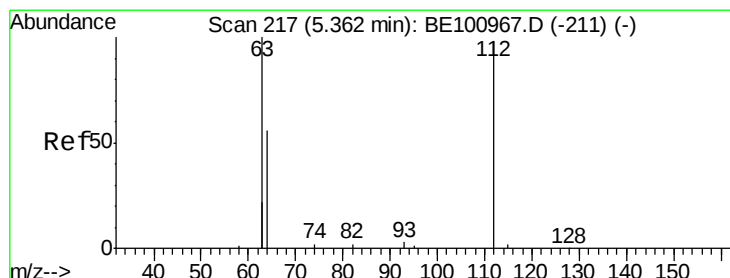
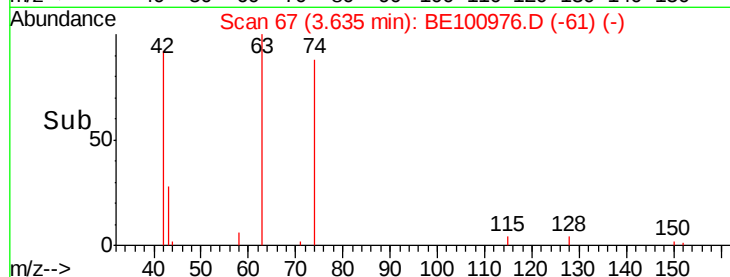
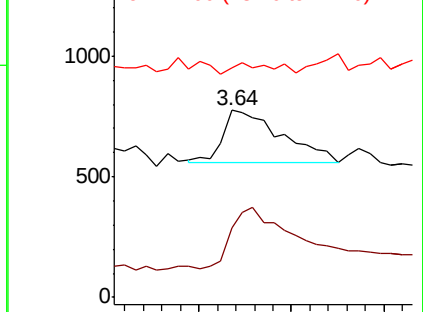
42 100

74 0.0 116.6 174.8#

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: 0.364 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

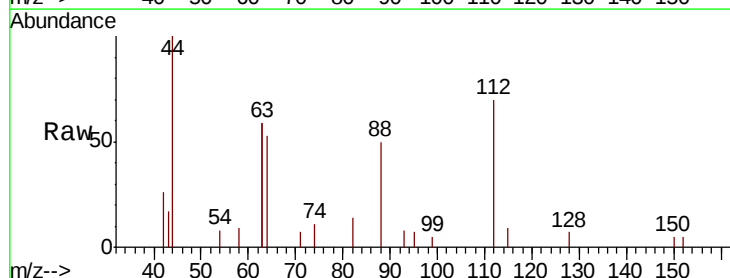
Tgt Ion: 112 Resp: 1995

Ion Ratio Lower Upper

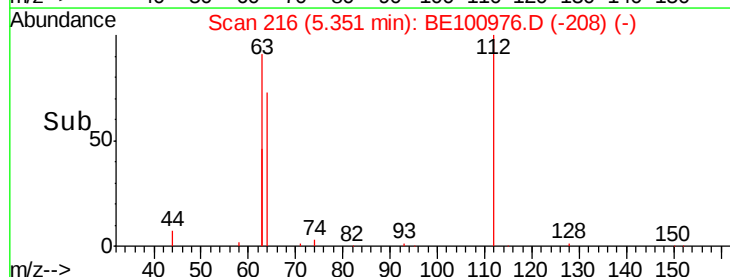
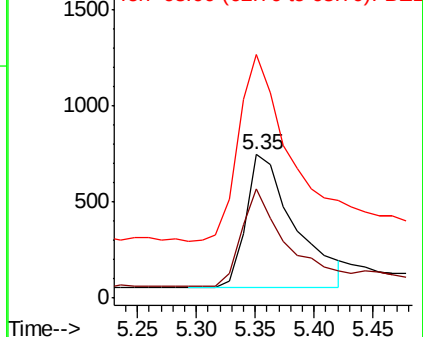
112 100

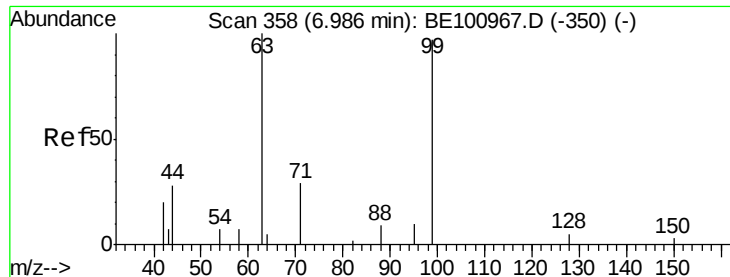
64 68.6 59.0 88.6

63 150.3 121.4 182.0



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: 0.386 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampled :

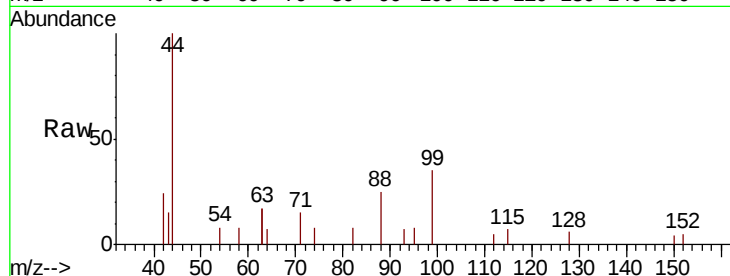
Tot Ion: 99 Resp: 2173

Ion Ratio Lower Upper

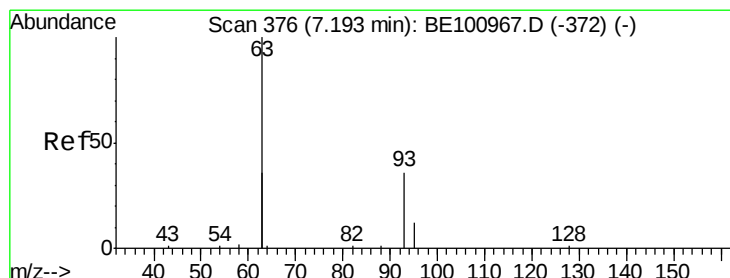
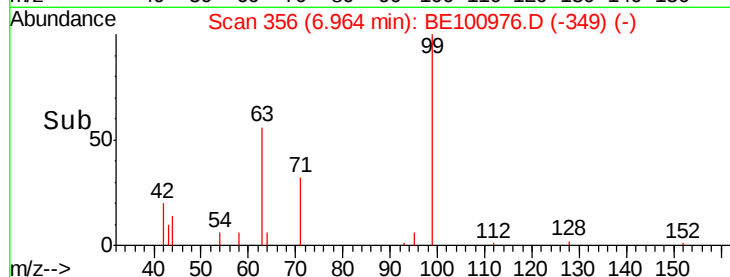
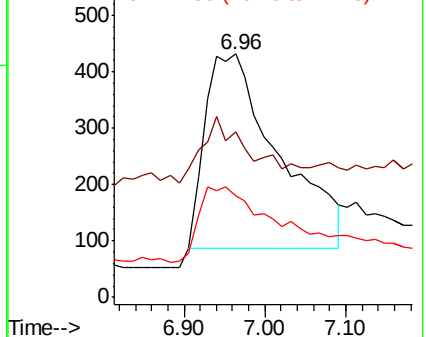
99 100

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: 0.314 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

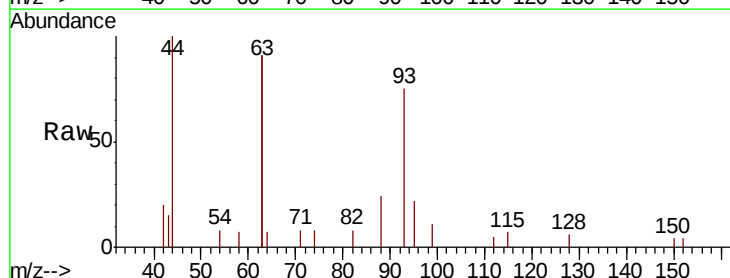
Tgt Ion: 93 Resp: 3679

Ion Ratio Lower Upper

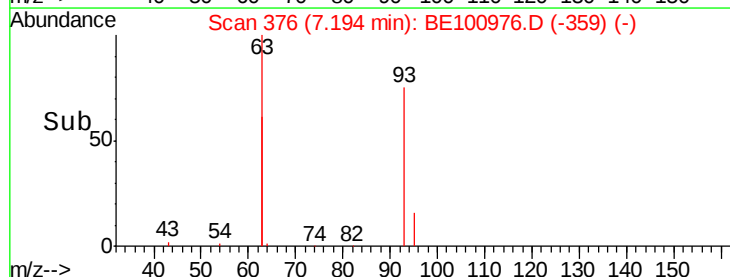
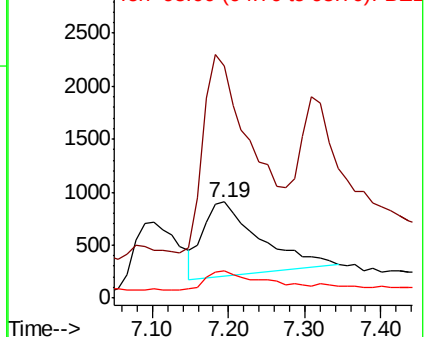
93 100

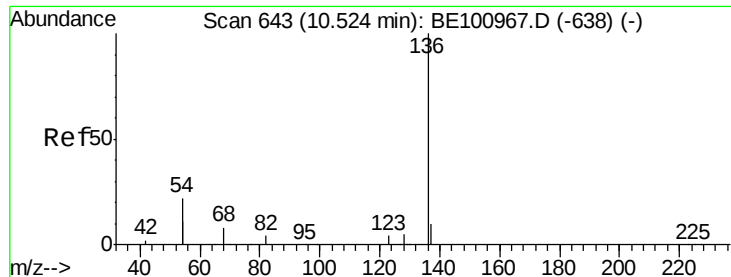
63 229.1 228.3 342.5

95 26.5 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: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16741

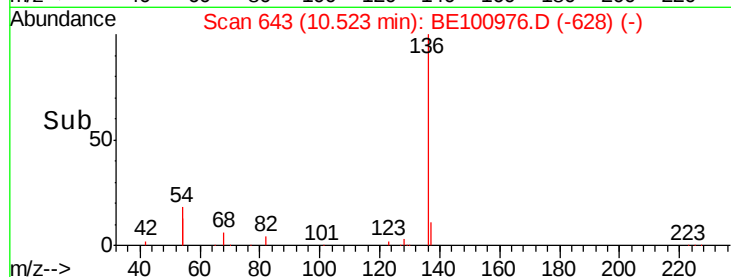
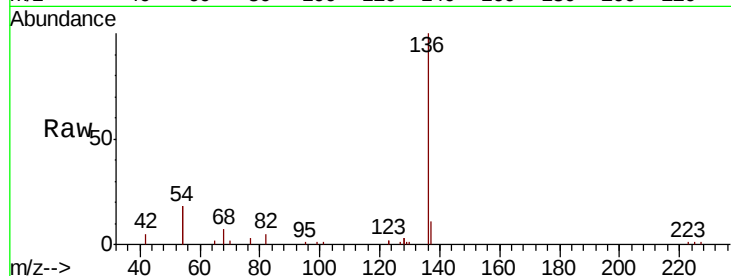
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 35.4 34.4 51.6

68 7.3 7.8 11.6#

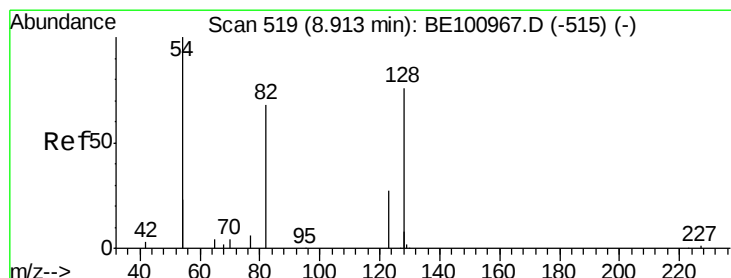
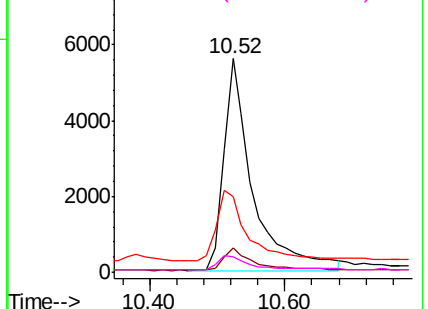


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

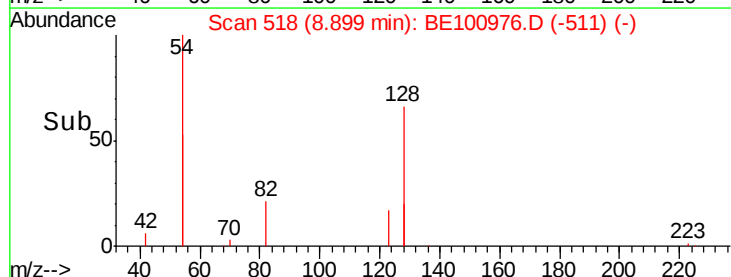
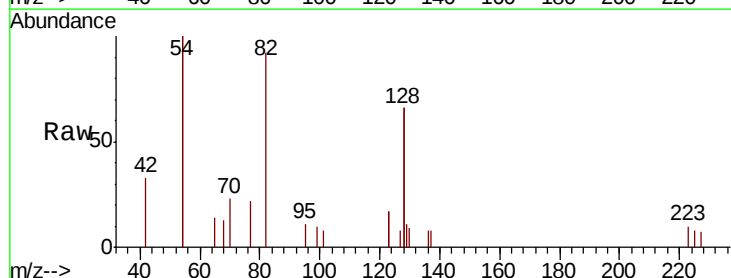
Tgt Ion: 82 Resp: 2501

Ion Ratio Lower Upper

82 100

128 143.4 140.2 210.2

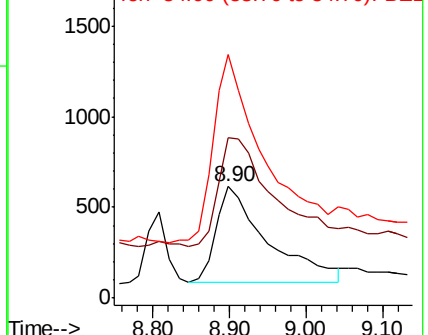
54 218.2 183.8 275.6

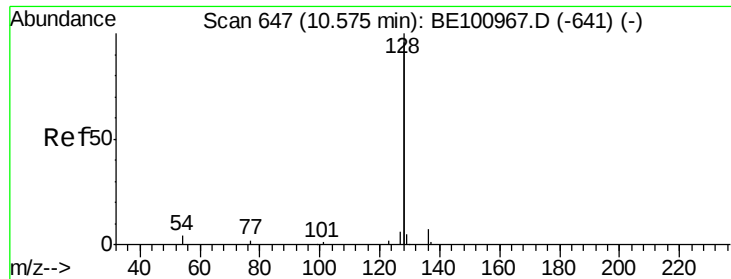


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.427 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

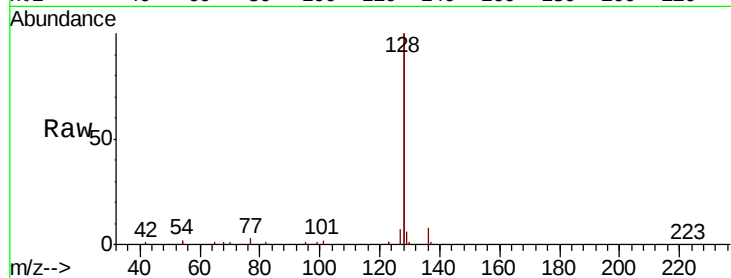
Tot Ion:128 Resp: 75936

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

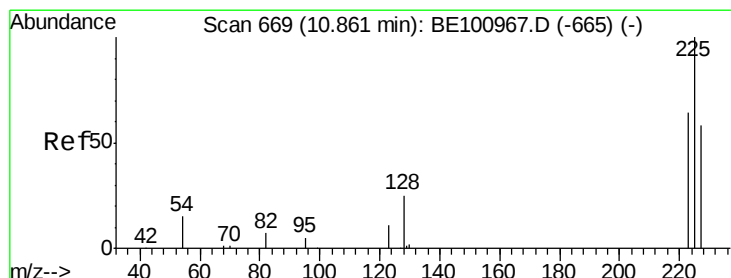
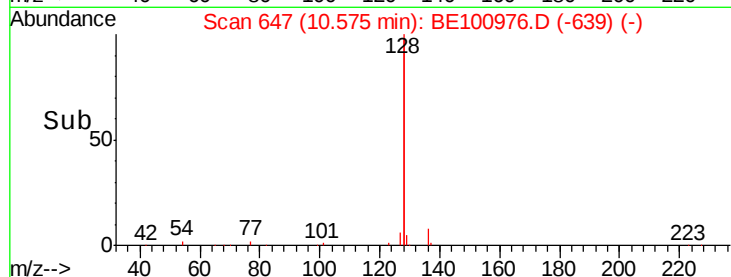
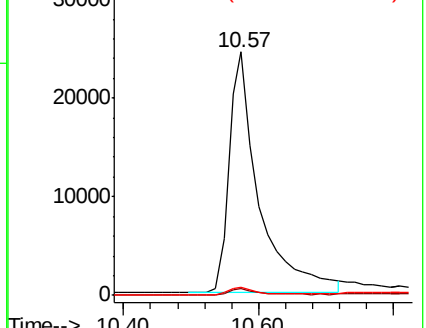
127 3.3 2.8 4.2



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: 0.410 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

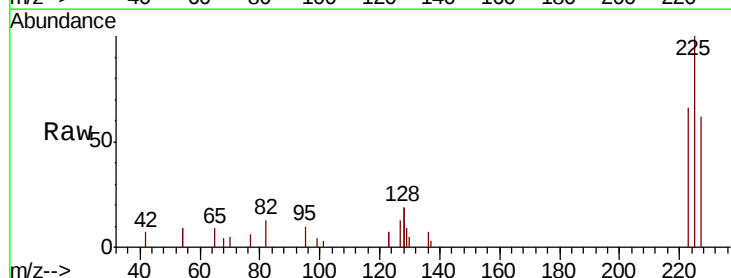
Tgt Ion:225 Resp: 3227

Ion Ratio Lower Upper

225 100

223 63.5 51.4 77.0

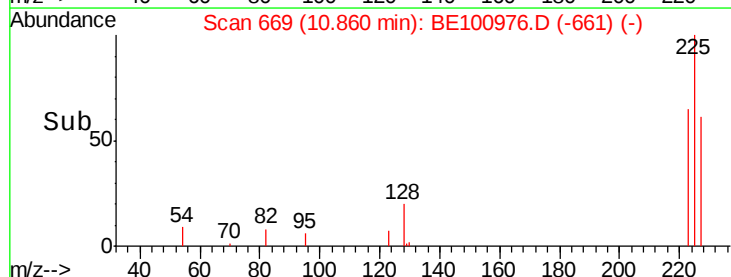
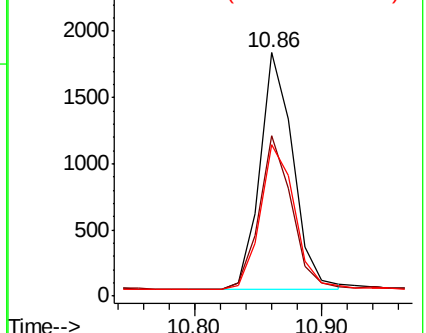
227 63.5 50.2 75.2

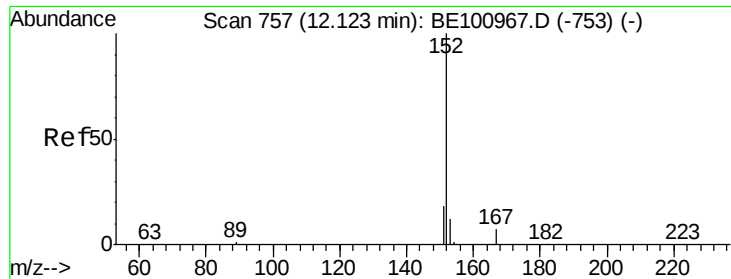


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

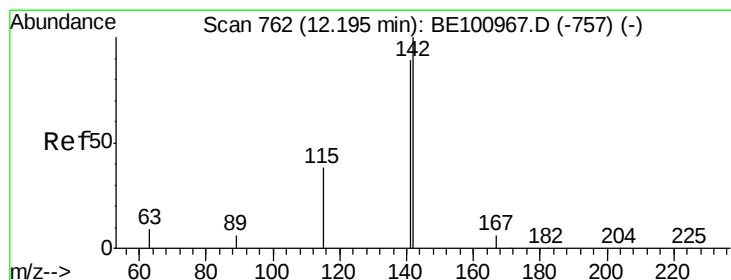
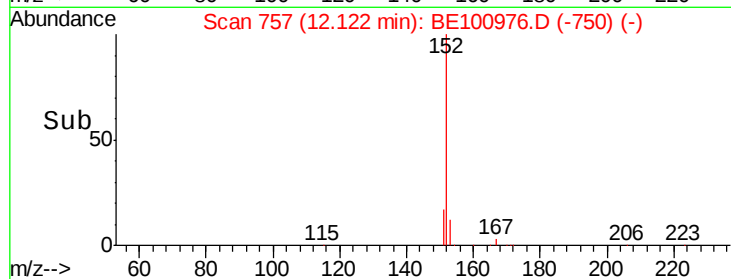
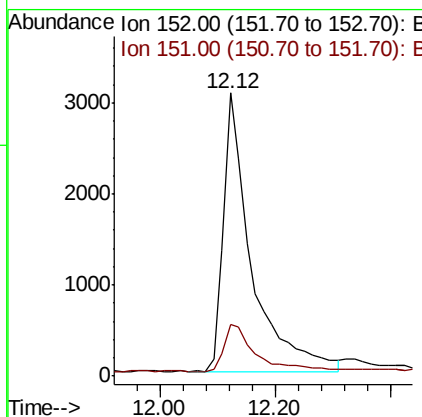
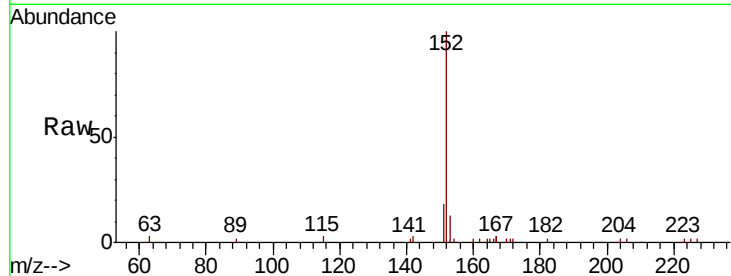




#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BE100976.D
 Acq: 26 Dec 2019 18:11

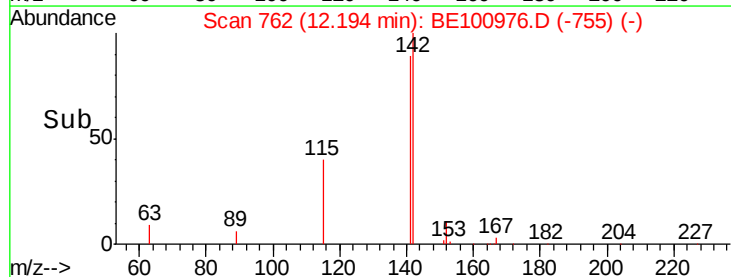
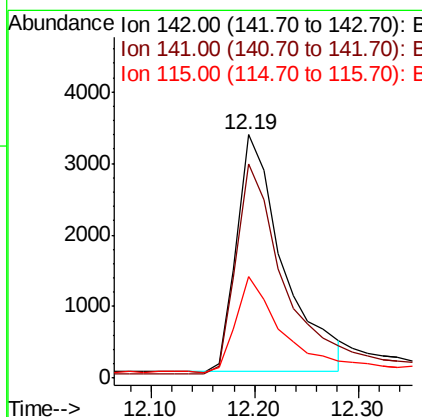
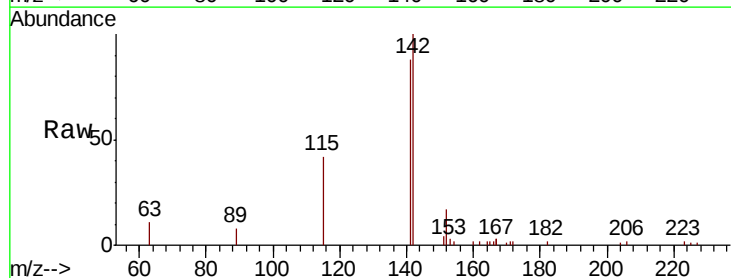
Instrument :
 BNA_E
 ClientSampleId :

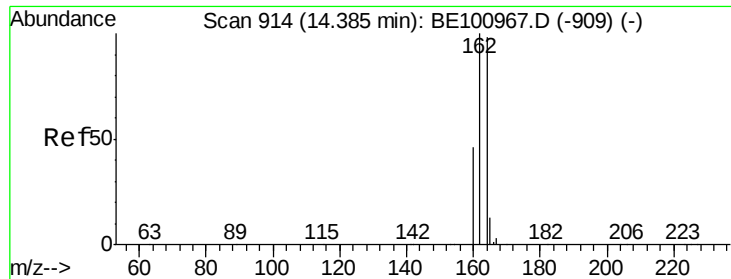
Tot Ion:152 Resp: 10367
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE100976.D
 Acq: 26 Dec 2019 18:11

Tgt Ion:142 Resp: 10460
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.8 106.2
 115 41.6 32.0 48.0

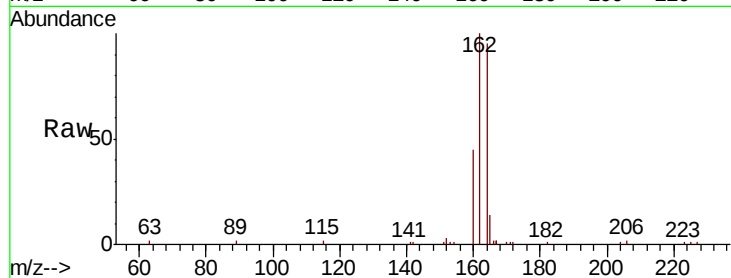




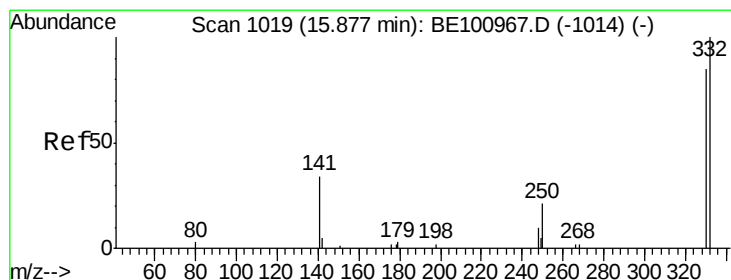
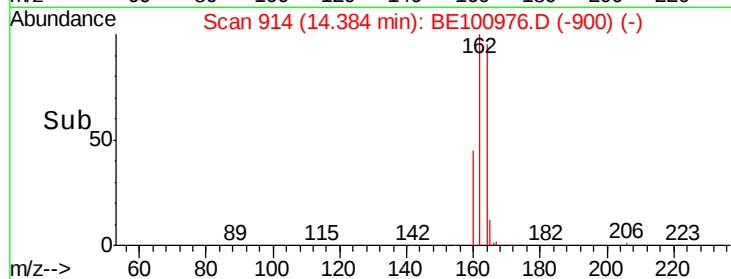
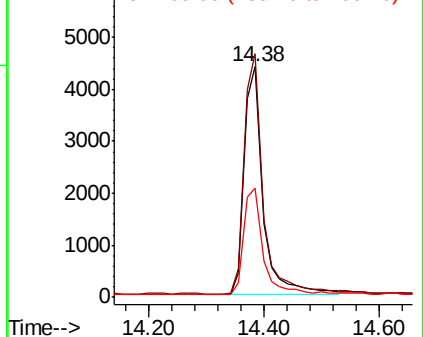
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9891
Ion Ratio Lower Upper
164 100
162 105.7 81.6 122.4
160 47.7 37.7 56.5

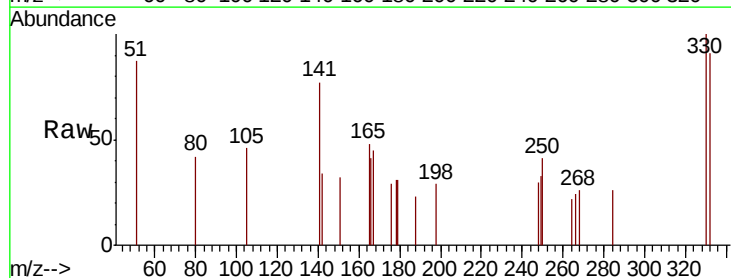


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

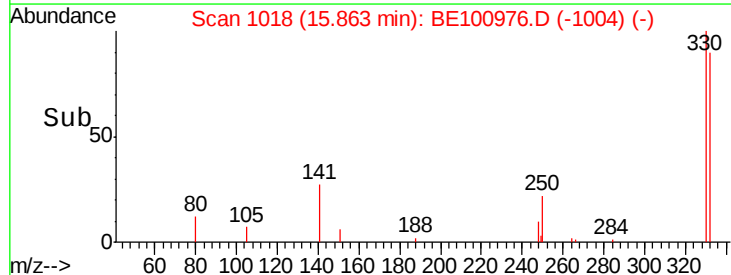
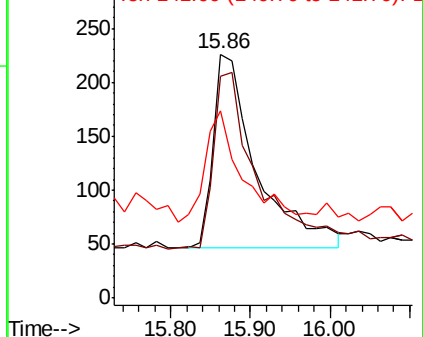


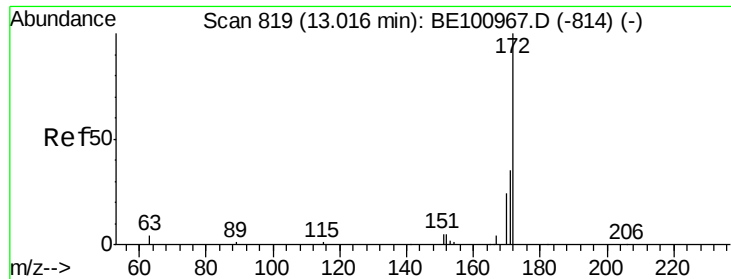
#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion:330 Resp: 677
Ion Ratio Lower Upper
330 100
332 96.8 72.4 108.6
141 49.8 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

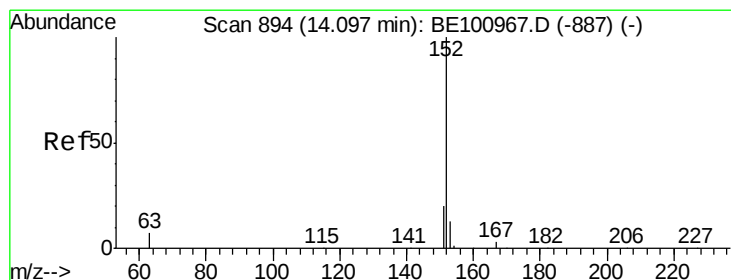
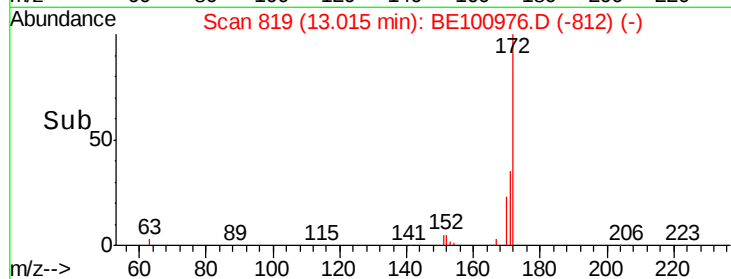
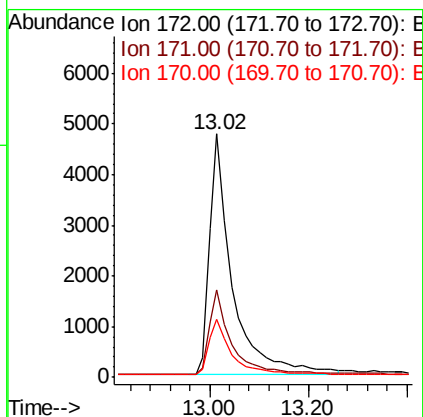
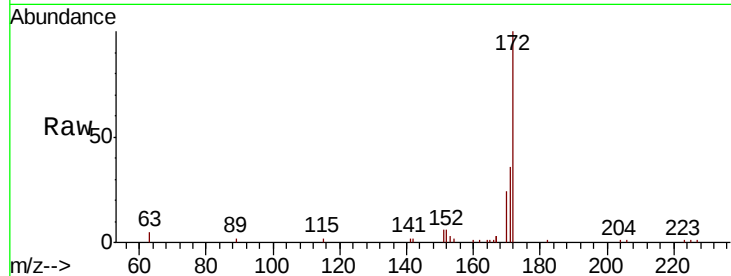




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

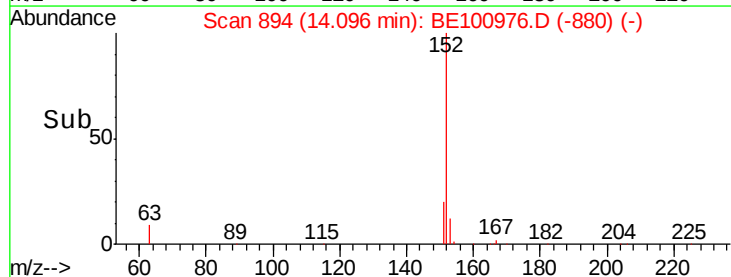
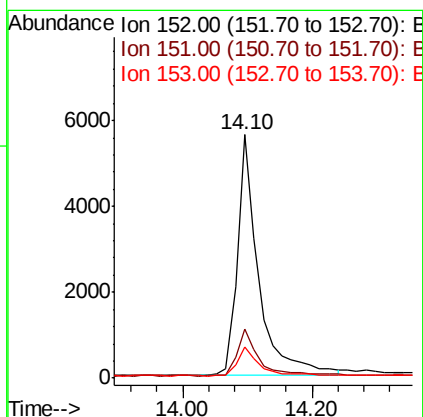
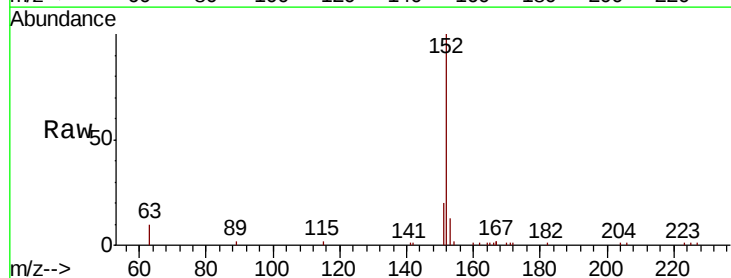
Instrument :
BNA_E
ClientSampleId :

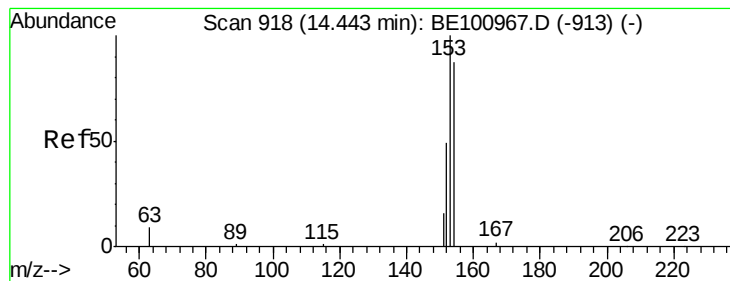
Tot Ion:172 Resp: 15243
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.9 20.0 30.0



#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion:152 Resp: 12741
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.442 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

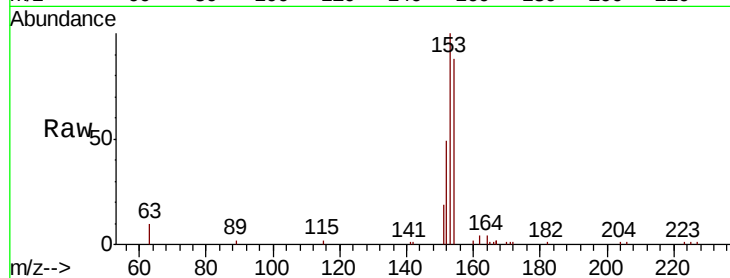
Tot Ion:154 Resp: 11863

Ion Ratio Lower Upper

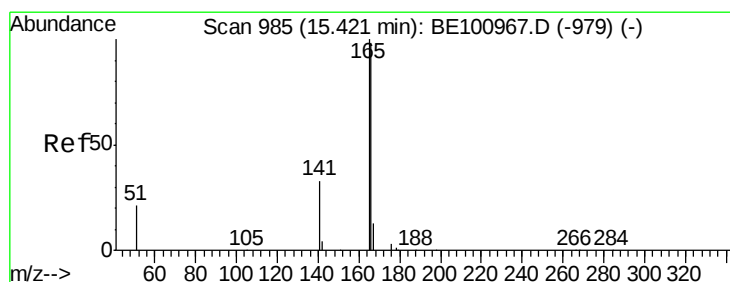
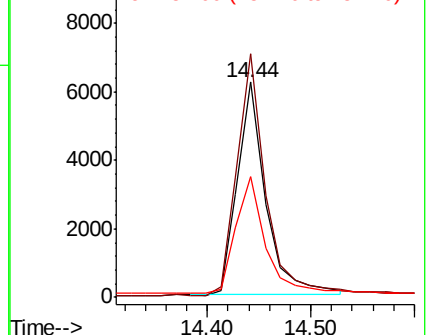
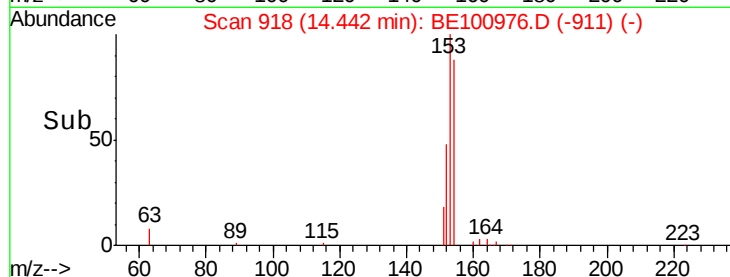
154 100

153 114.0 91.7 137.5

152 56.5 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: 0.449 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

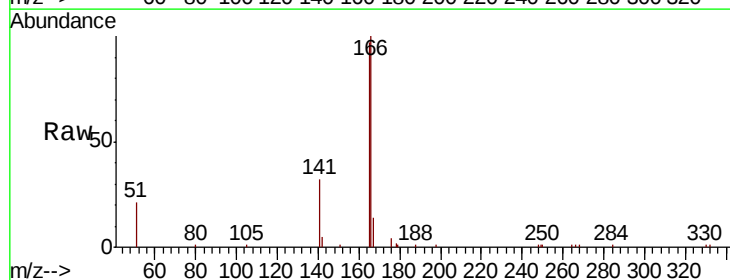
Tgt Ion:166 Resp: 15046

Ion Ratio Lower Upper

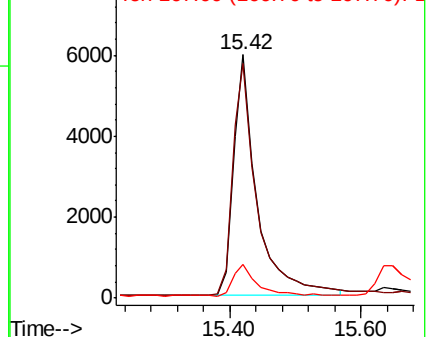
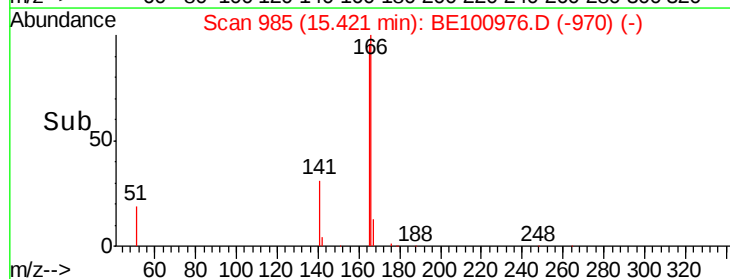
166 100

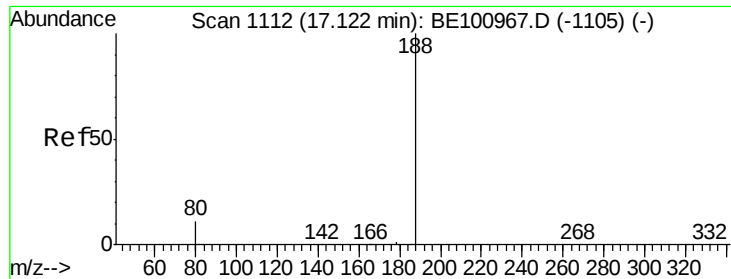
165 99.2 79.4 119.0

167 13.4 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

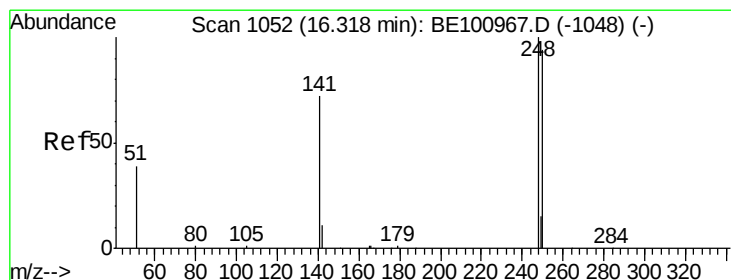
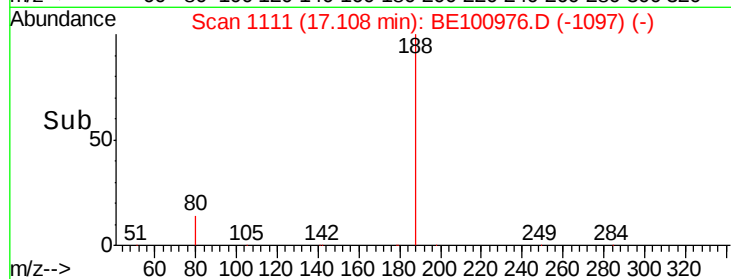
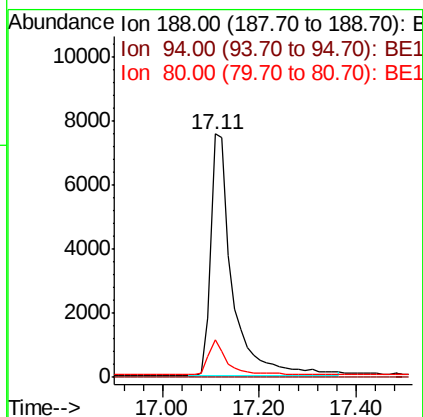
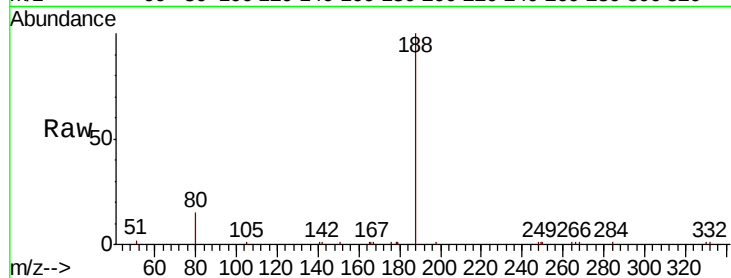




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

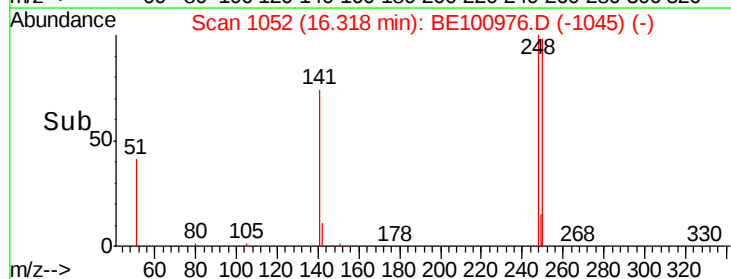
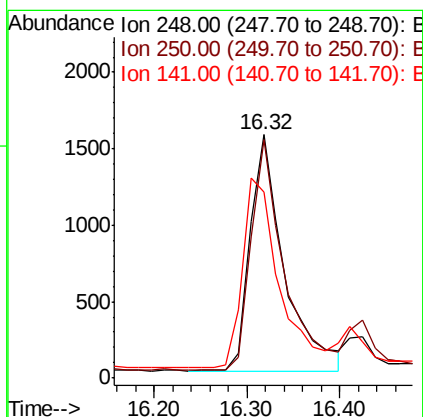
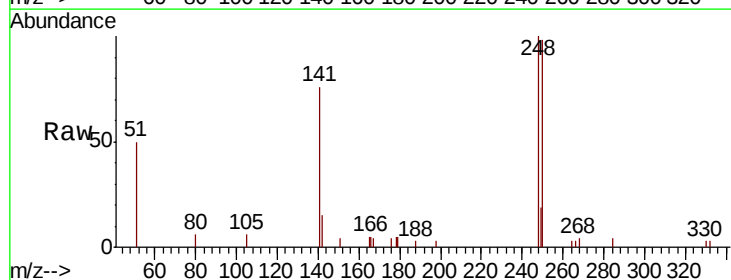
Instrument :
BNA_E
ClientSampleId :

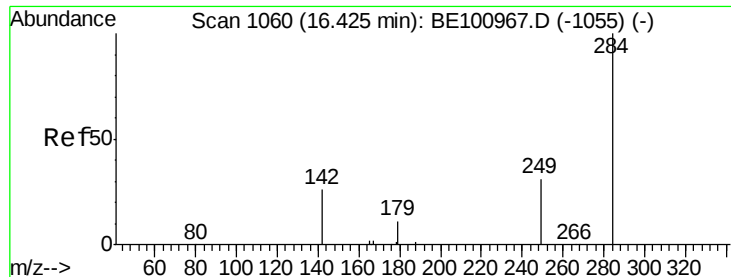
Tot Ion:188 Resp: 23005
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 9.7 14.5#



#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion:248 Resp: 3950
Ion Ratio Lower Upper
248 100
250 98.0 76.0 114.0
141 76.2 61.0 91.6

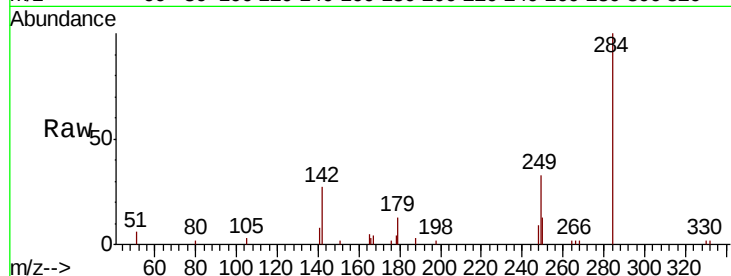




#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.0	33.3	49.9
249	33.3	27.2	40.8

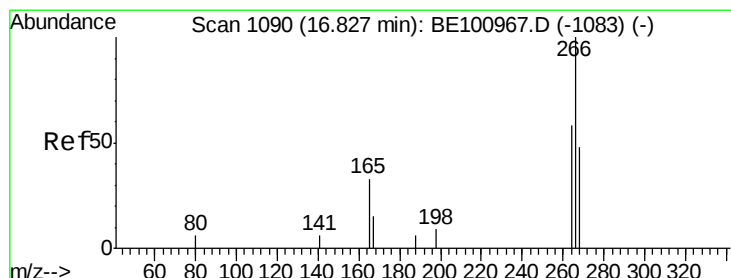
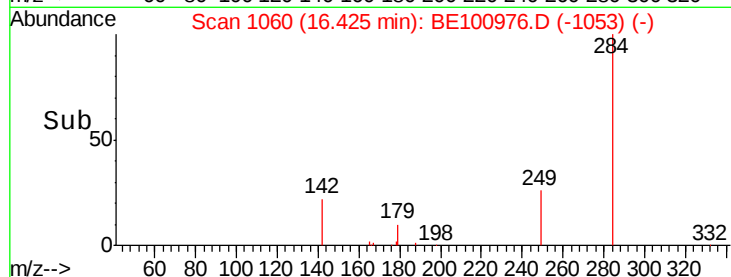
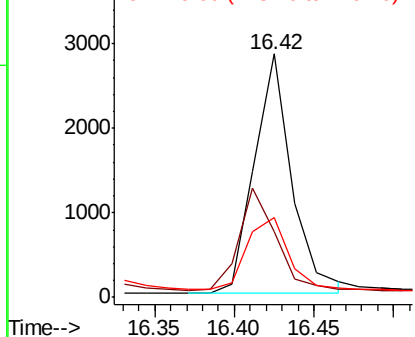


Abundance

Ion 283.80 (283.50 to 284.50): E

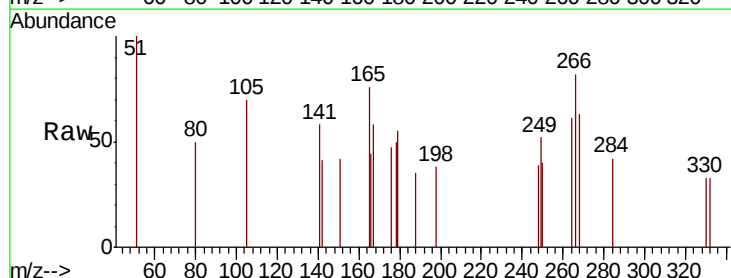
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.340 ng
RT: 16.80 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
266	100		
264	74.4	62.3	93.5
268	76.9	66.1	99.1

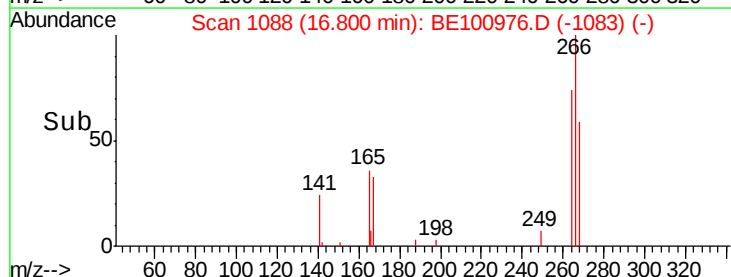
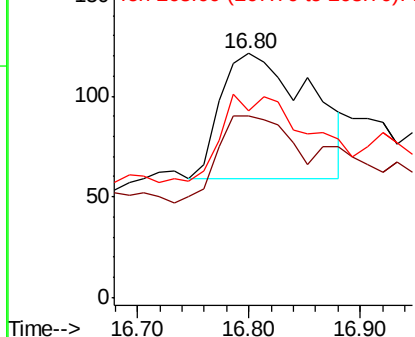


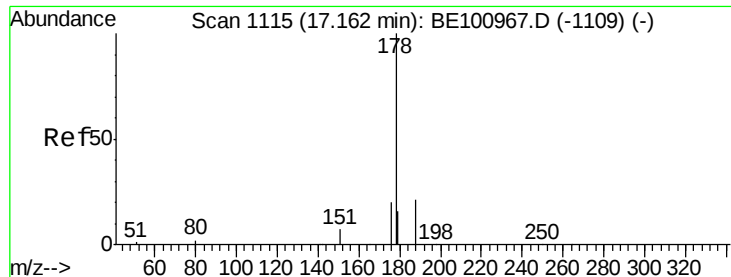
Abundance

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: 0.420 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

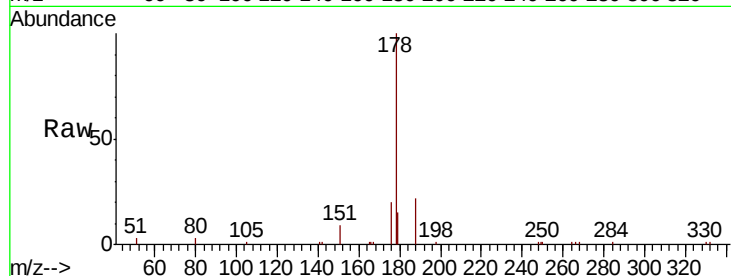
Tot Ion:178 Resp: 24897

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

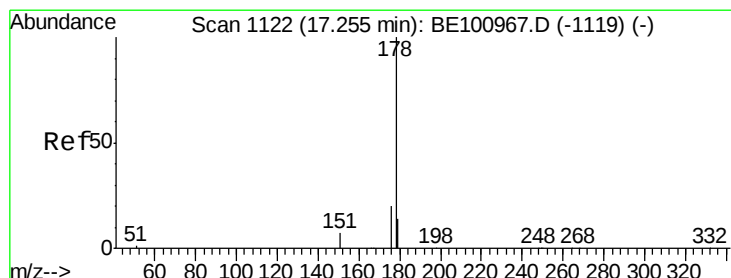
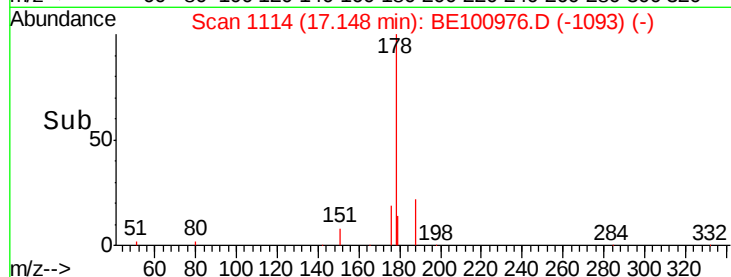
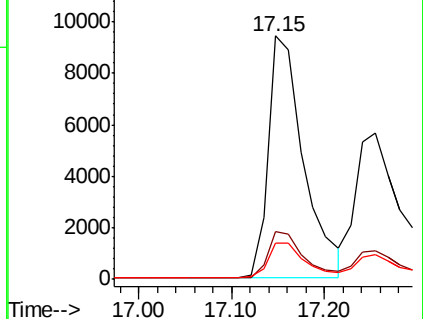
179 14.8 12.6 18.8



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: 0.227 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

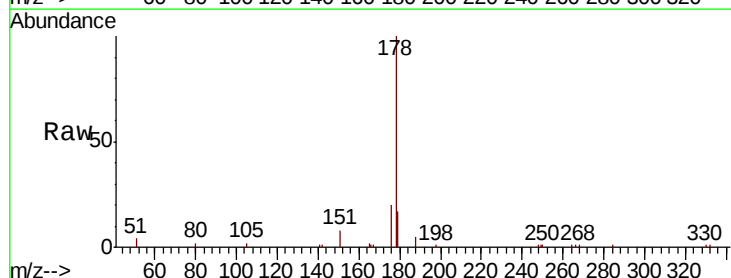
Tgt Ion:178 Resp: 13616

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

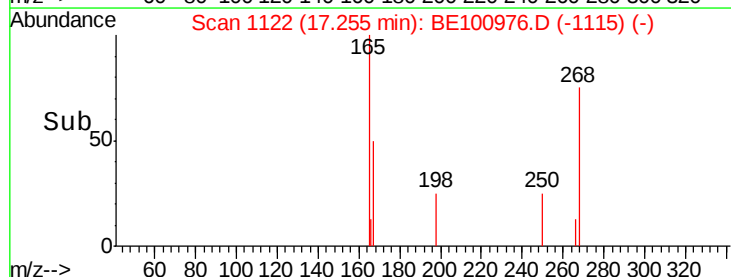
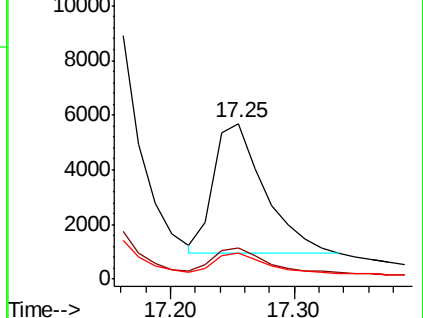
179 14.7 12.5 18.7

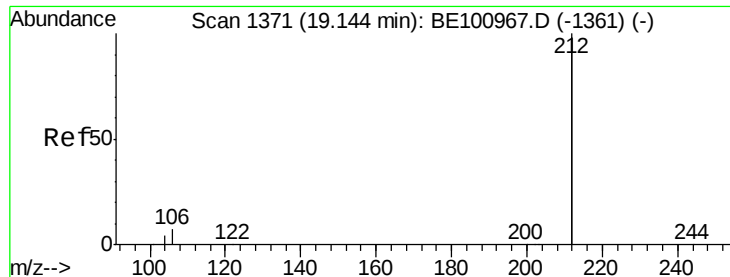


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

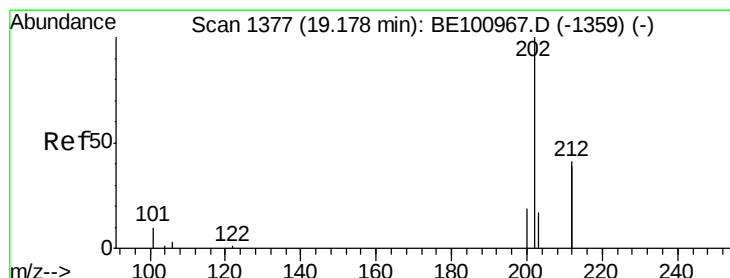
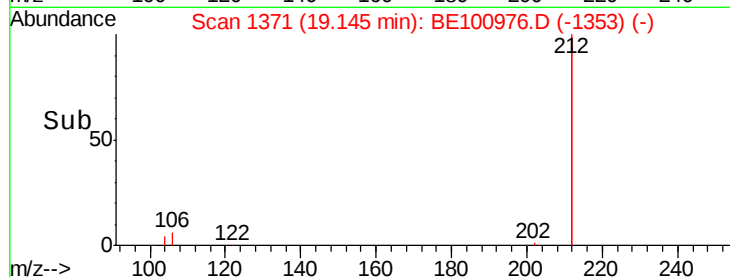
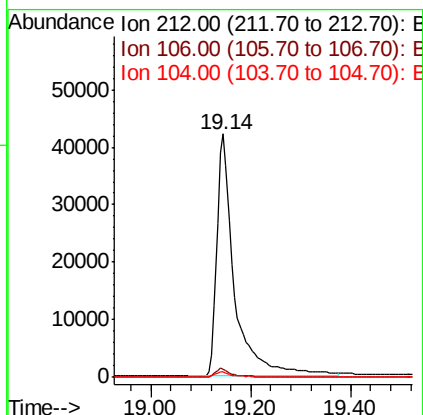
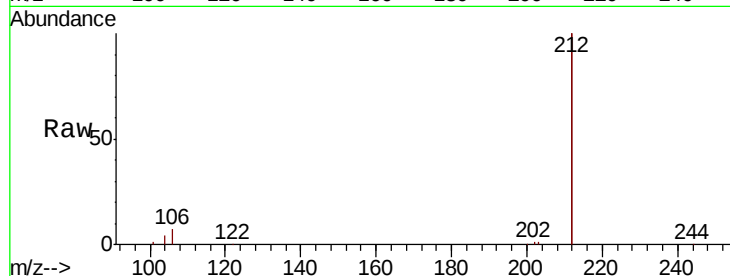




#25
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE100976.D
 Acq: 26 Dec 2019 18:11

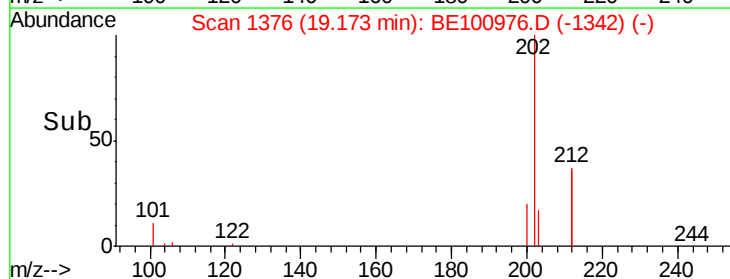
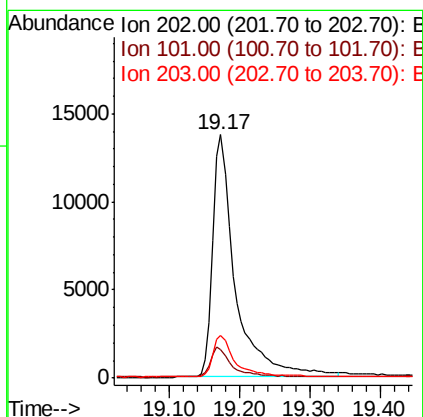
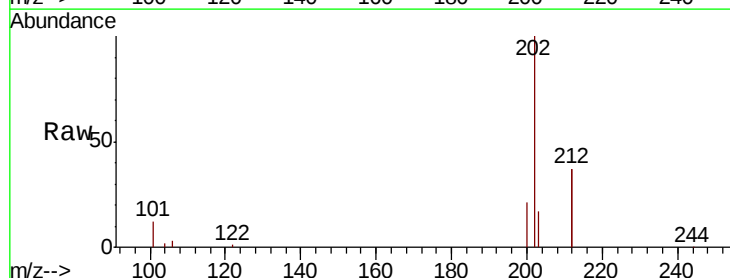
Instrument :
 BNA_E
 ClientSampleId :

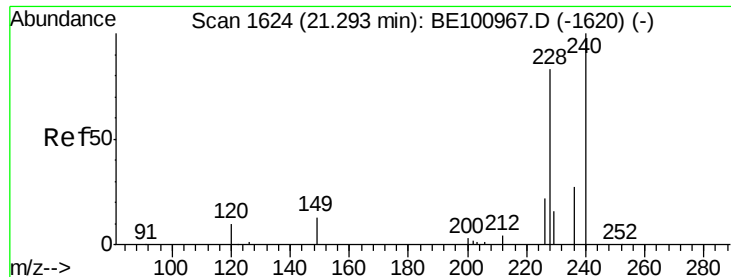
Tot Ion:212 Resp: 104585
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.8 1.4 2.0



#26
 Fluoranthene
 Concen: 0.383 ng
 RT: 19.17 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BE100976.D
 Acq: 26 Dec 2019 18:11

Tgt Ion:202 Resp: 30965
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.0 13.4
 203 16.8 13.2 19.8

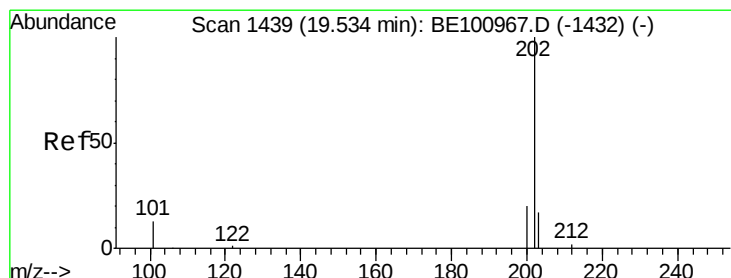
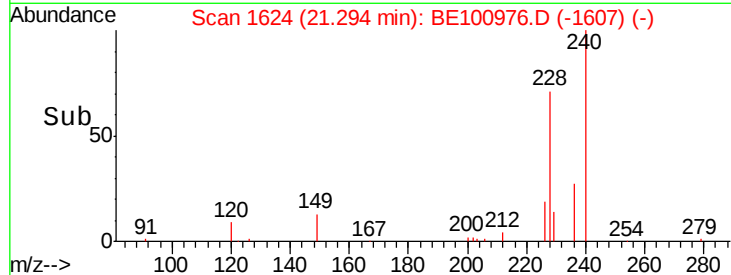
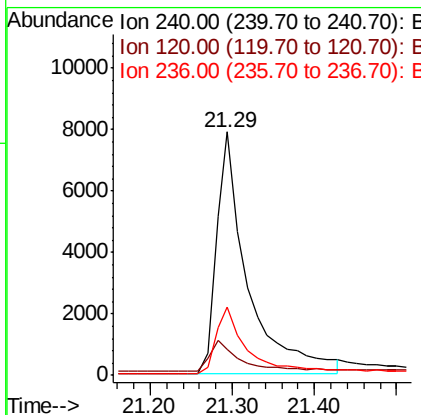
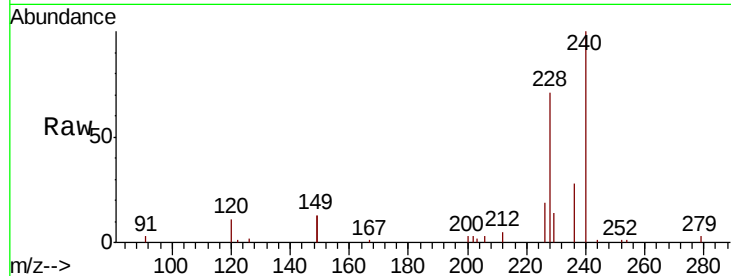




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100976.D
 Acq: 26 Dec 2019 18:11

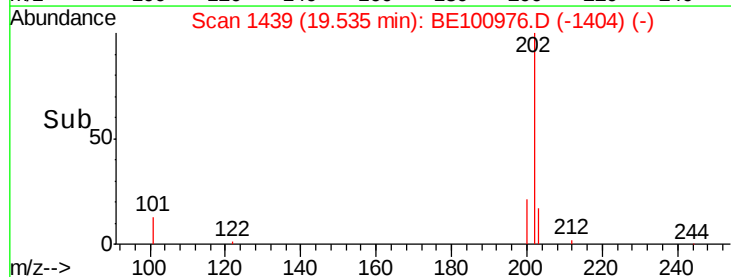
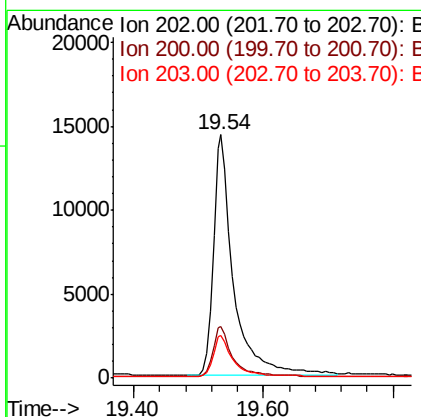
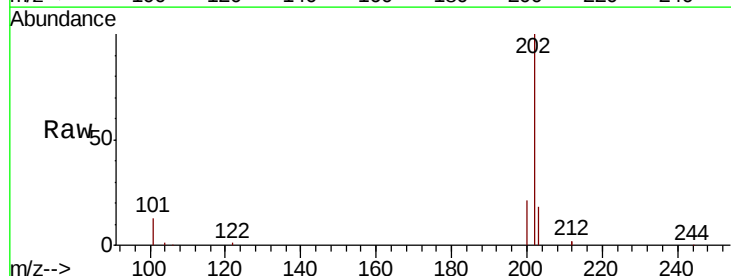
Instrument :
 BNA_E
 ClientSampled :

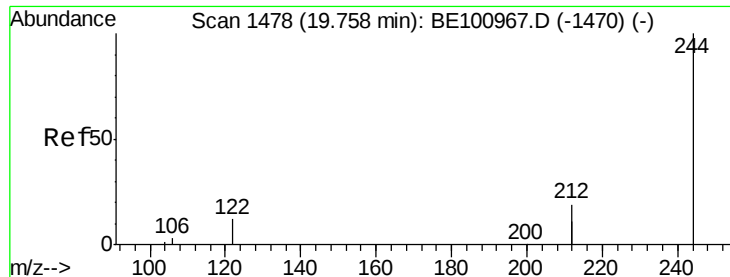
Tot Ion:240 Resp: 20846
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.2 15.4
 236 28.1 22.6 34.0



#28
 Pyrene
 Concen: 0.435 ng
 RT: 19.54 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE100976.D
 Acq: 26 Dec 2019 18:11

Tgt Ion:202 Resp: 31757
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 17.5 13.8 20.6





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampled :

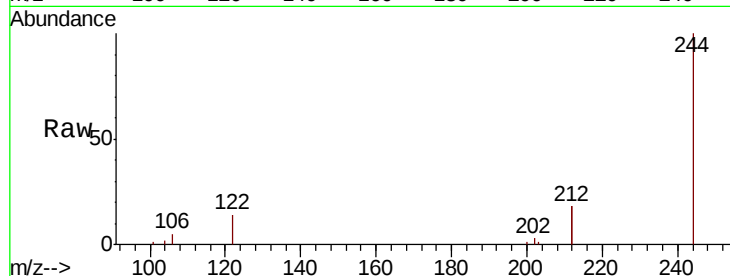
Tot Ion:244 Resp: 20869

Ion Ratio Lower Upper

244 100

212 35.3 29.3 43.9

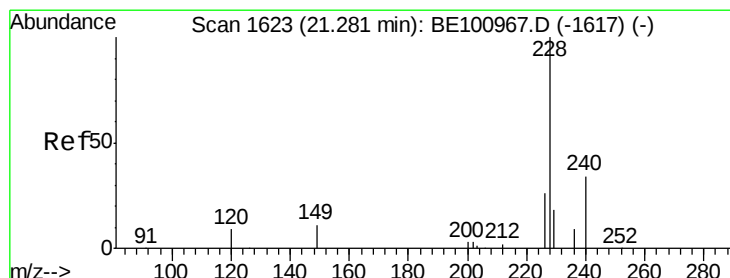
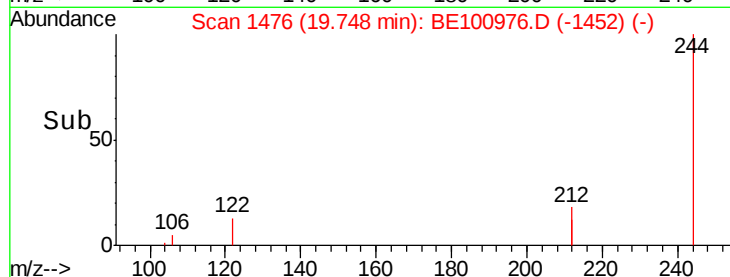
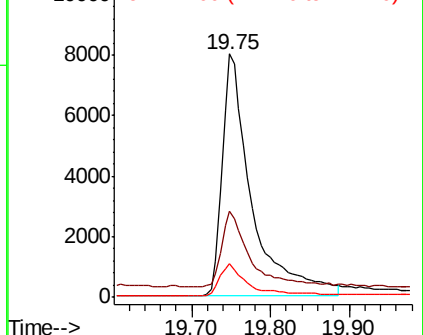
122 13.6 10.2 15.4



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: 0.437 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

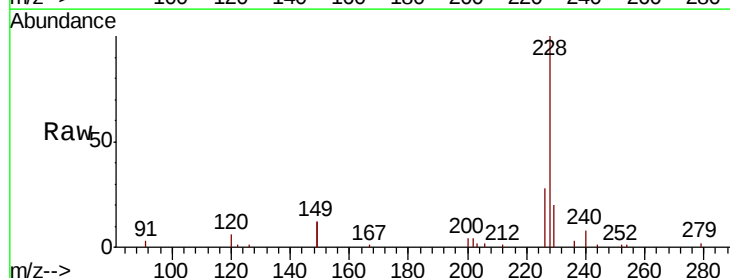
Tgt Ion:228 Resp: 22309

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

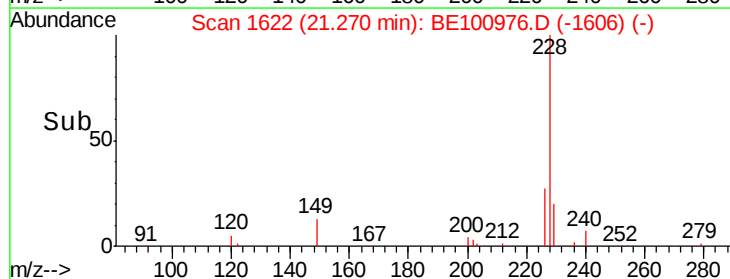
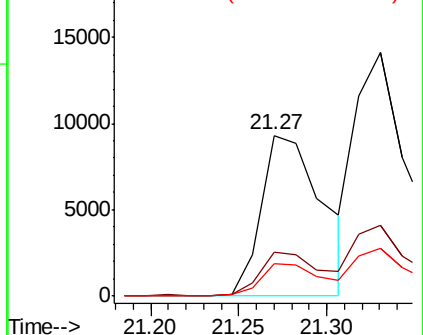
229 20.4 15.4 23.0

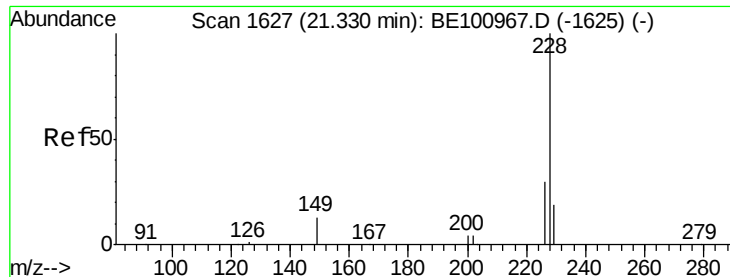


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.290 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

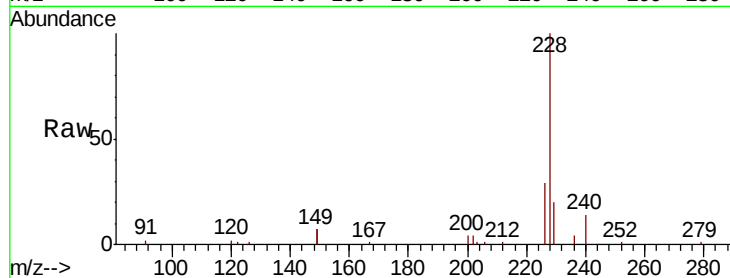
Tot Ion:228 Resp: 27582

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

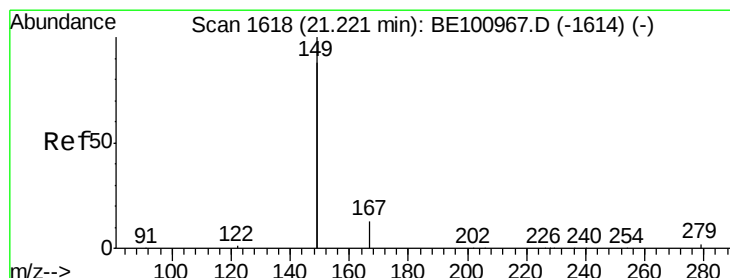
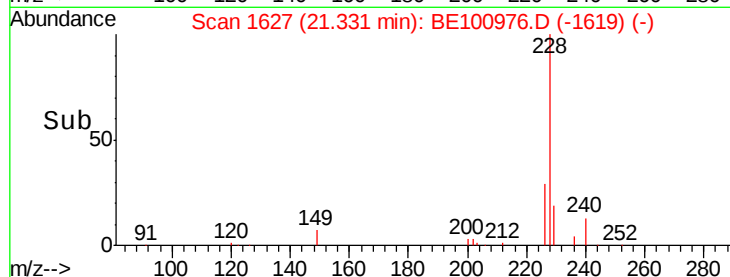
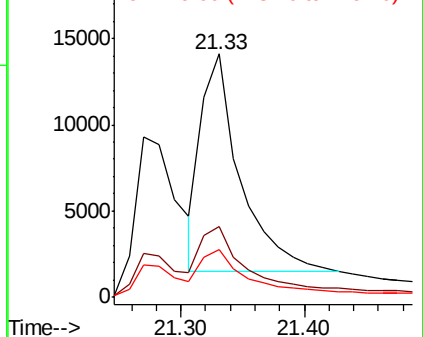
229 19.6 15.7 23.5



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: 0.359 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

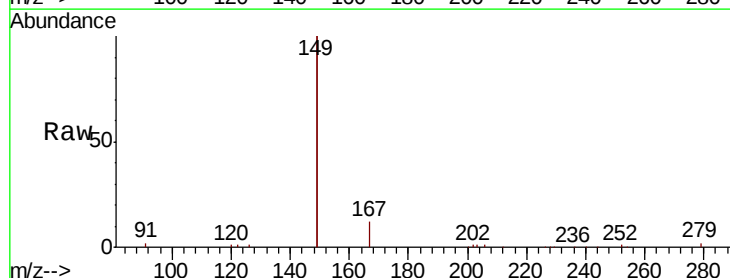
Tgt Ion:149 Resp: 32511

Ion Ratio Lower Upper

149 100

167 6.4 5.1 7.7

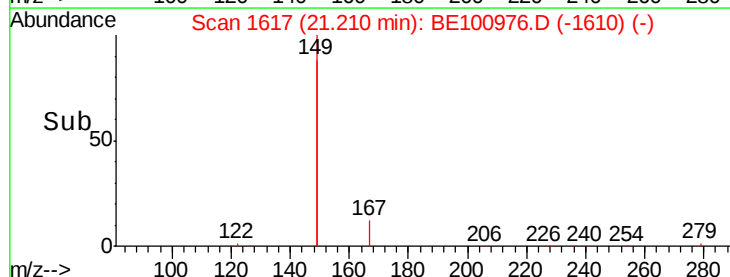
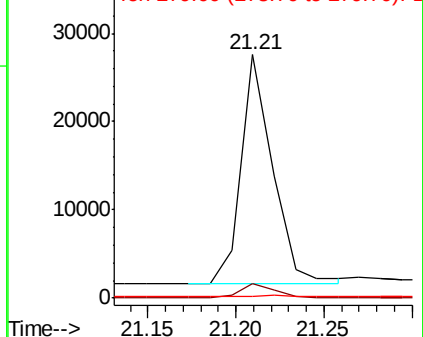
279 0.9 0.6 1.0

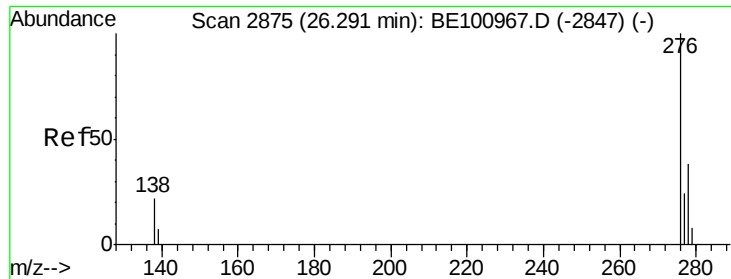


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

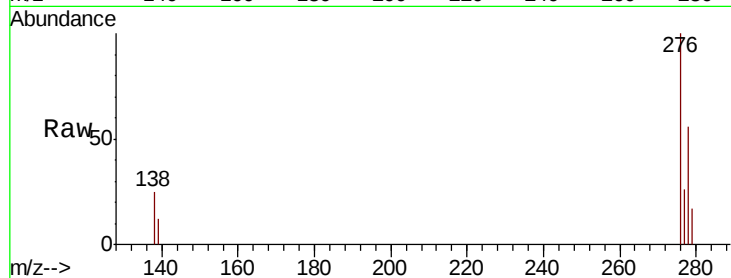




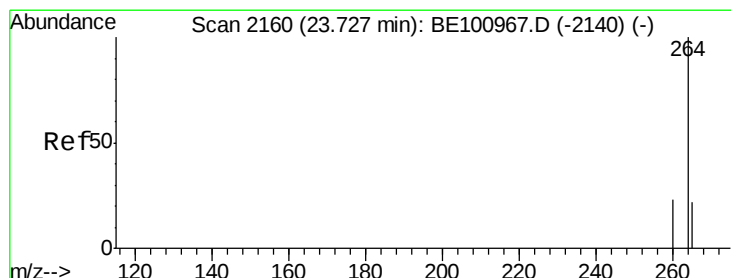
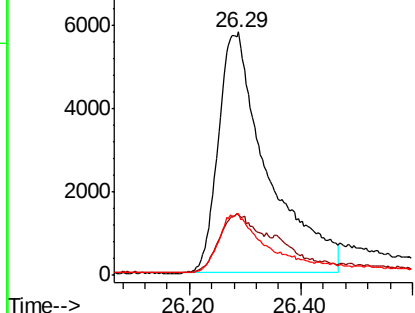
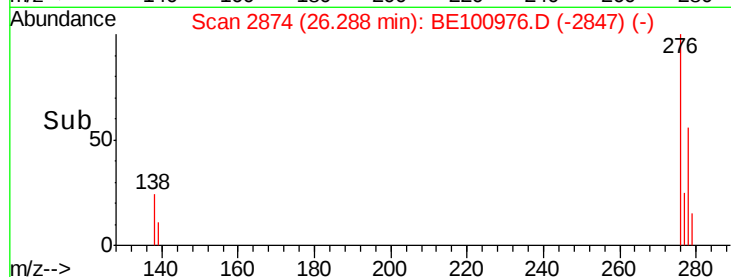
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng
RT: 26.29 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 35328
Ion Ratio Lower Upper
276 100
138 19.7 14.8 22.2
277 24.6 18.0 27.0

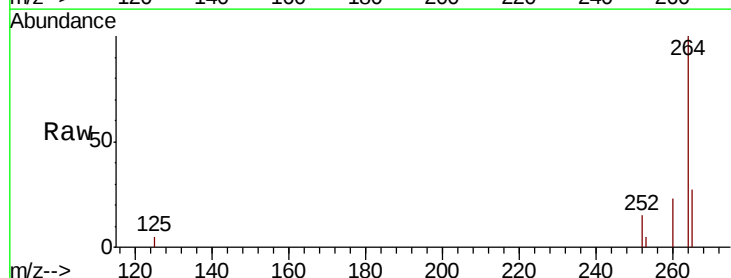


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

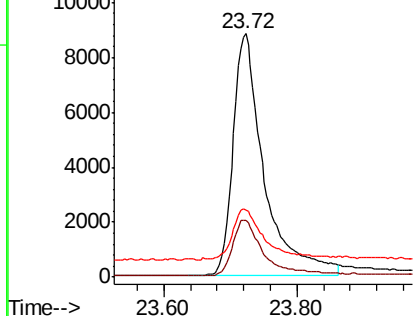
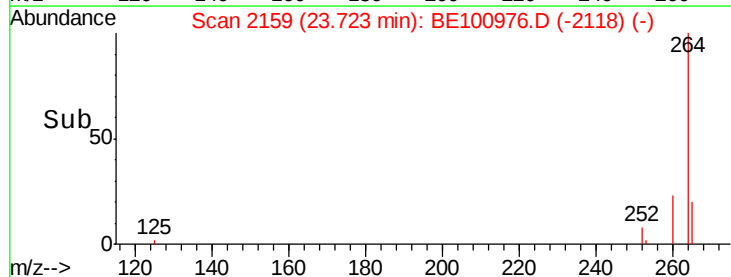


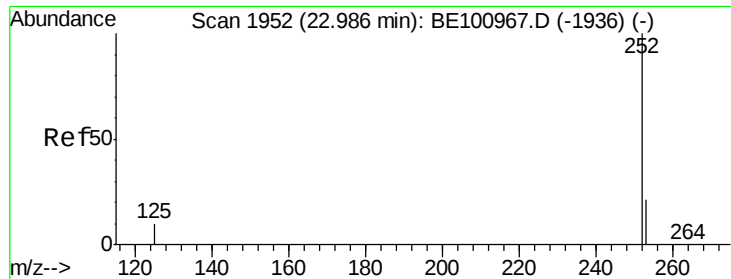
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion:264 Resp: 28548
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 27.3 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

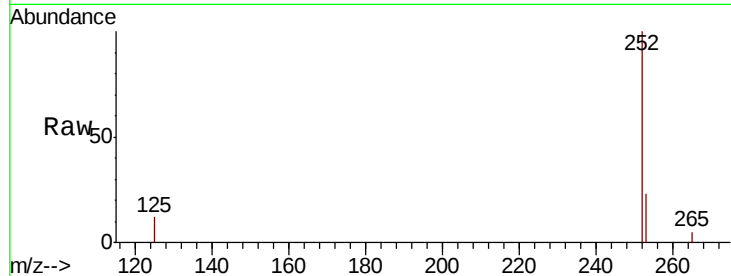




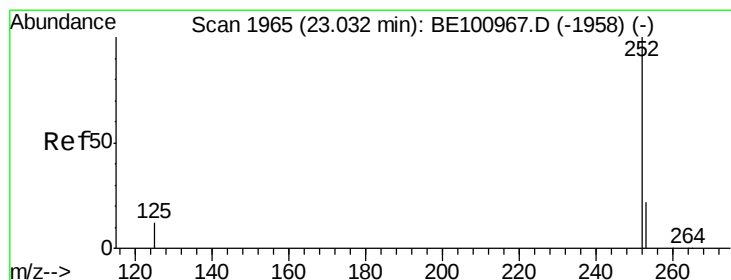
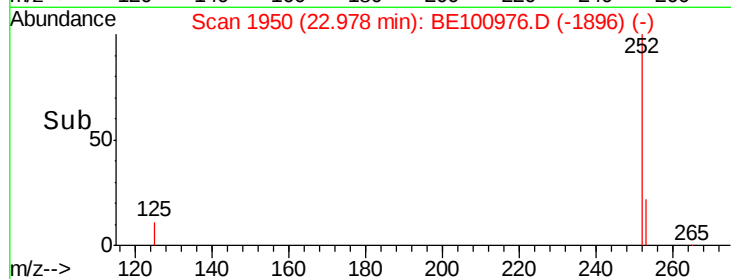
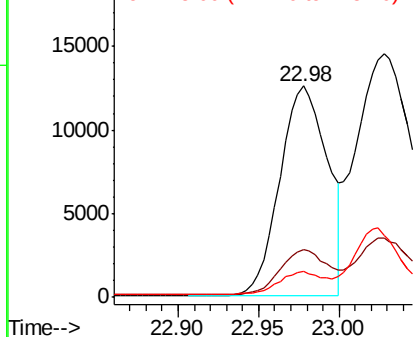
#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 25660
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.2 9.7 14.5

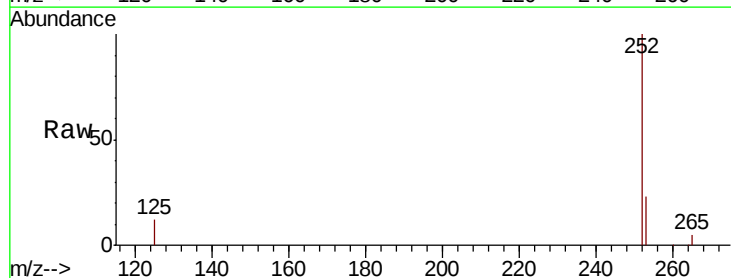


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

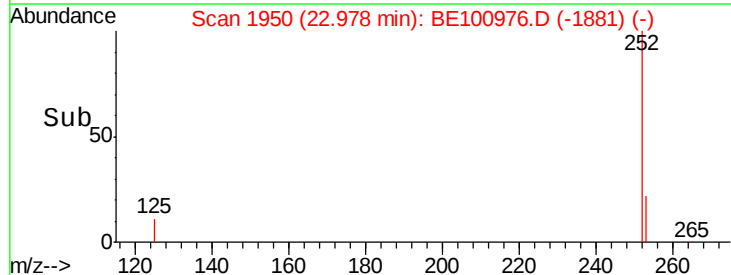
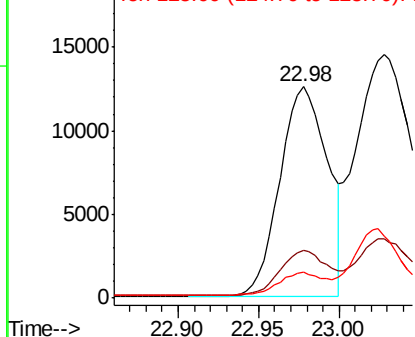


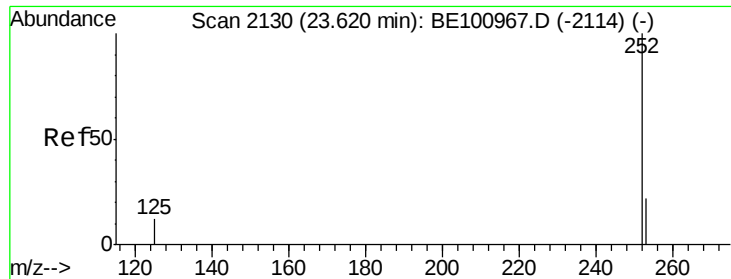
#36
Benzo(k)fluoranthene
Concen: 0.225 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE100976.D
Acq: 26 Dec 2019 18:11

Tgt Ion:252 Resp: 25660
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 12.2 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: 0.420 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :

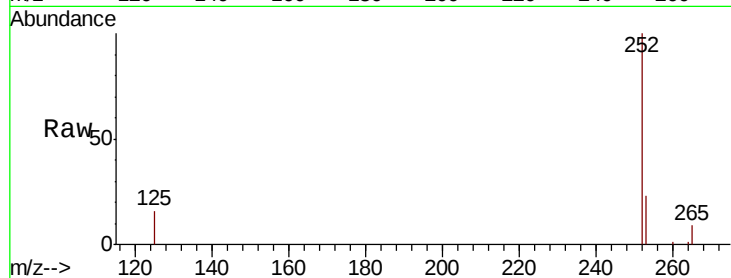
Tot Ion:252 Resp: 29473

Ion Ratio Lower Upper

252 100

253 23.2 20.1 30.1

125 16.0 12.6 18.8

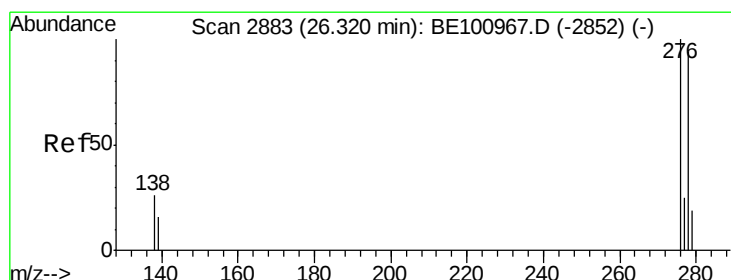
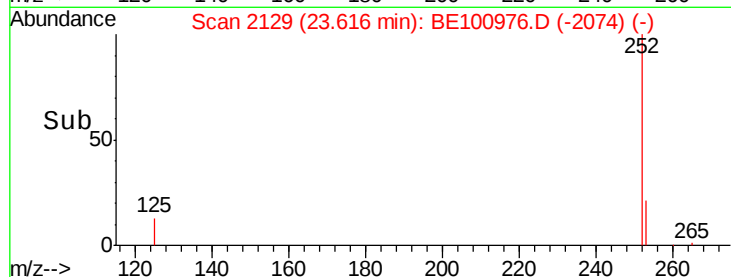
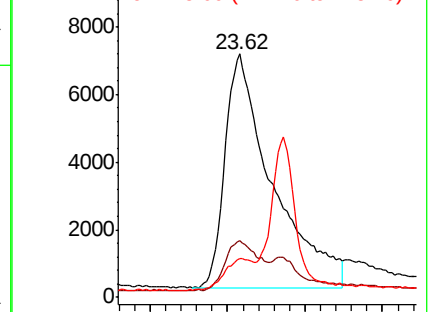


Abundance

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: 0.411 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

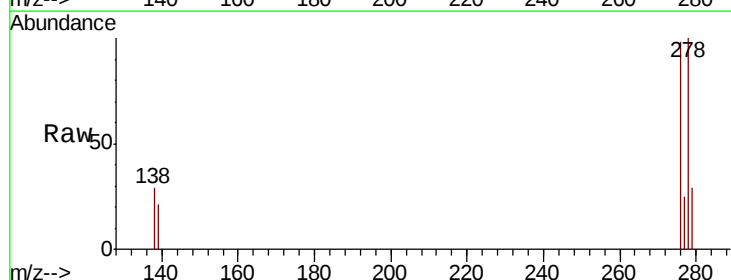
Tgt Ion:278 Resp: 26115

Ion Ratio Lower Upper

278 100

139 20.7 16.4 24.6

279 29.3 19.3 28.9#

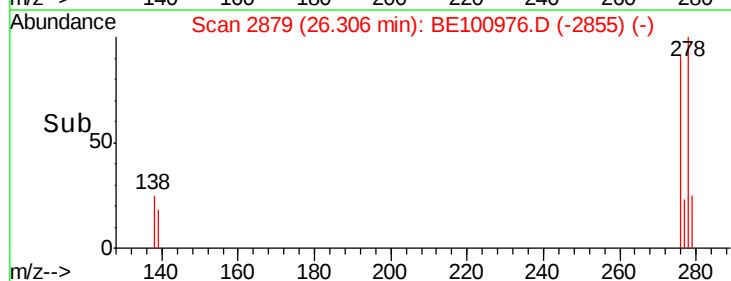
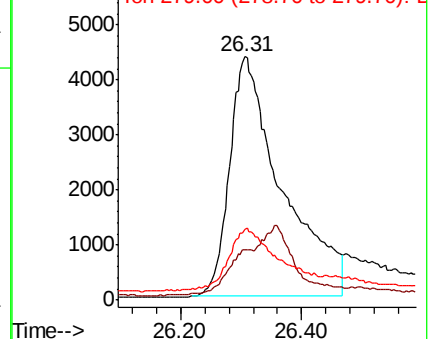


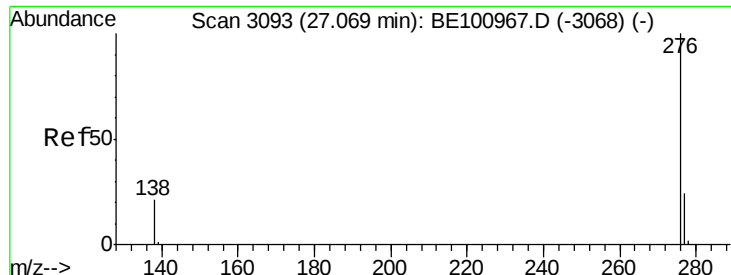
Abundance

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: 0.430 ng

RT: 27.06 min Scan# 3091

Delta R.T. -0.01 min

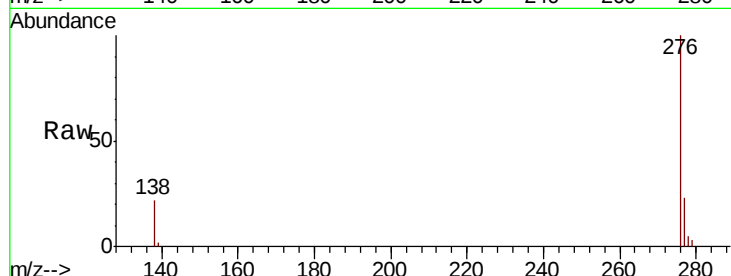
Lab File: BE100976.D

Acq: 26 Dec 2019 18:11

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 32225

Ion Ratio Lower Upper

276 100

277 23.5 20.0 30.0

138 22.3 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

