

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101005.D
 Acq On : 8 Jan 2020 15:53
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 08 18:21:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3896	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	17056	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9955	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	22554	0.40	ng	0.00
27) Chrysene-d12	21.27	240	22593	0.40	ng	-0.01
34) Perylene-d12	23.70	264	21787	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	13761	2.09	ng	0.00
5) Phenol-d6	6.91	99	18592	2.01	ng	-0.01
8) Nitrobenzene-d5	8.86	82	20643	2.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	52139	2.08	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	4831	2.21	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	63021	1.78	ng	-0.01
25) Fluoranthene-d10	19.13	212	533731	1.95	ng	0.00
29) Terphenyl-d14	19.73	244	88415	1.70	ng	0.00

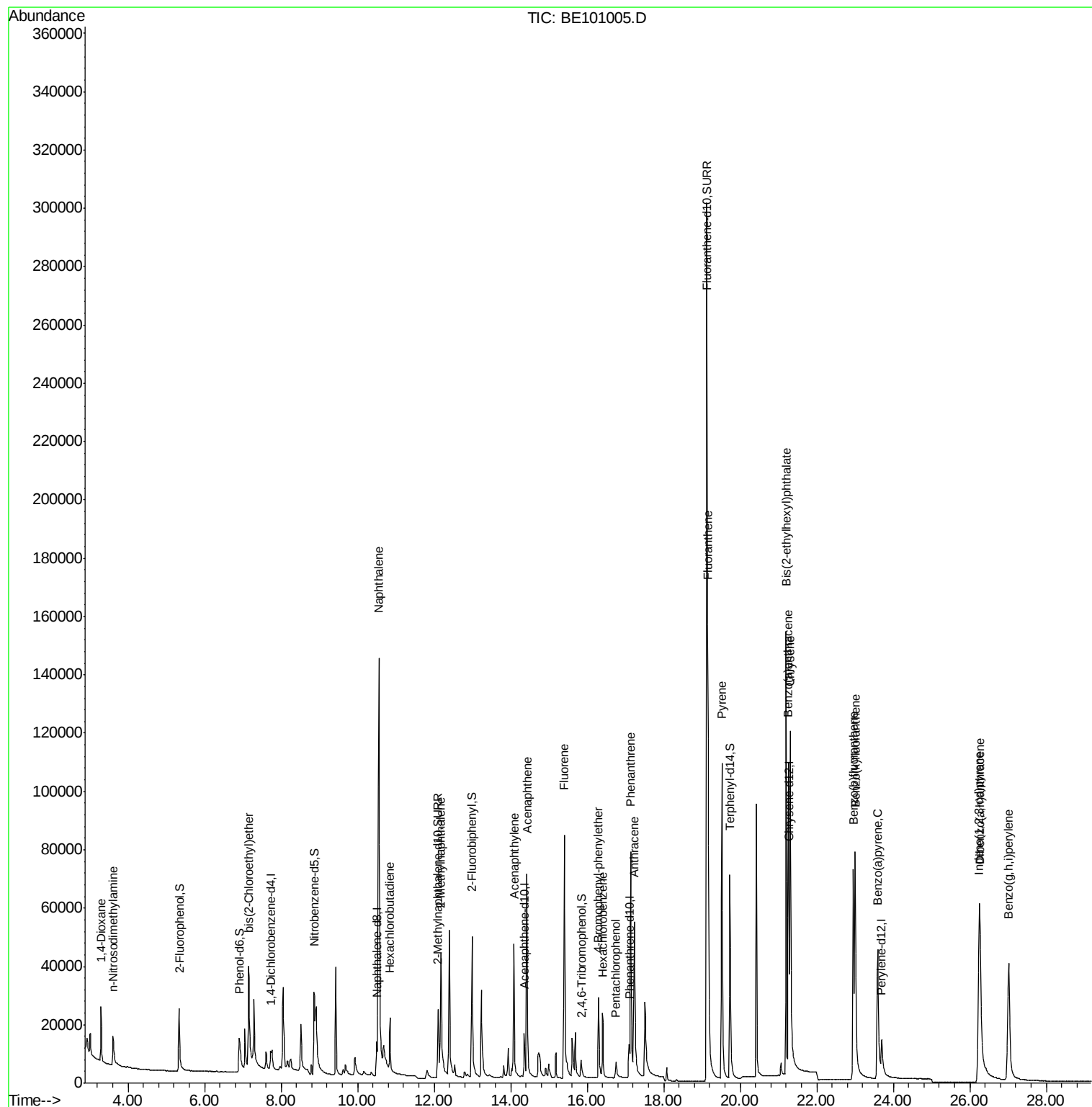
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	12228	0.889	ng	92
3) n-Nitrosodimethylamine	3.60	42	8951	2.784	ng	# 88
6) bis(2-Chloroethyl)ether	7.16	93	20389	1.448	ng	94
9) Naphthalene	10.55	128	312982	1.726	ng	100
10) Hexachlorobutadiene	10.85	225	12560	1.567	ng	98
12) 2-Methylnaphthalene	12.17	142	47531	1.730	ng	99
16) Acenaphthylene	14.08	152	71462	1.921	ng	100
17) Acenaphthene	14.43	154	49084	1.816	ng	98
18) Fluorene	15.39	166	62003	1.840	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	18505	1.869	ng	# 86
21) Hexachlorobenzene	16.41	284	19744	1.688	ng	98
22) Pentachlorophenol	16.75	266	4885	2.797	ng	88
23) Phenanthrene	17.13	178	101463	1.745	ng	99
24) Anthracene	17.23	178	98756	1.680	ng	99
26) Fluoranthene	19.16	202	134904	1.702	ng	99
28) Pyrene	19.52	202	131541	1.664	ng	99
30) Benzo(a)anthracene	21.26	228	105462	1.907	ng	98
31) Chrysene	21.31	228	154446	1.500	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	168678	1.387	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	123984	1.600	ng	# 95
35) Benzo(b)fluoranthene	22.95	252	108032	2.355	ng	97
36) Benzo(k)fluoranthene	23.00	252	142945	1.644	ng	96
37) Benzo(a)pyrene	23.59	252	102368	1.912	ng	# 94
38) Dibenzo(a,h)anthracene	26.27	278	97790	2.015	ng	92
39) Benzo(g,h,i)perylene	27.01	276	114779	2.008	ng	99

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

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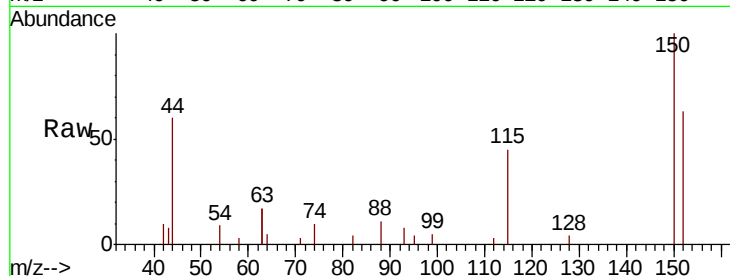


#1

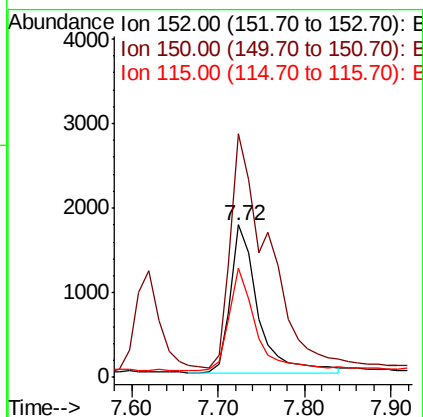
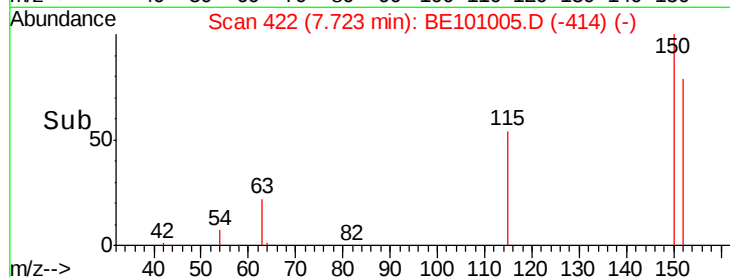
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3896
Ion Ratio Lower Upper
152 100
150 159.5 120.3 180.5
115 71.6 51.7 77.5



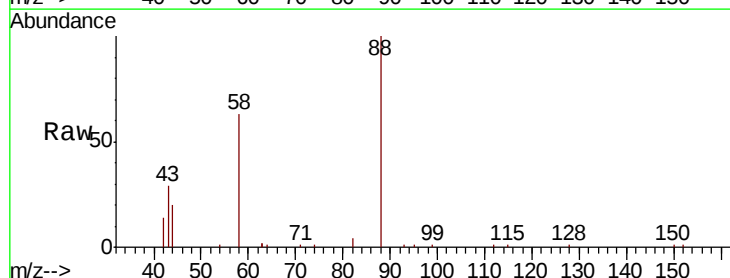
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



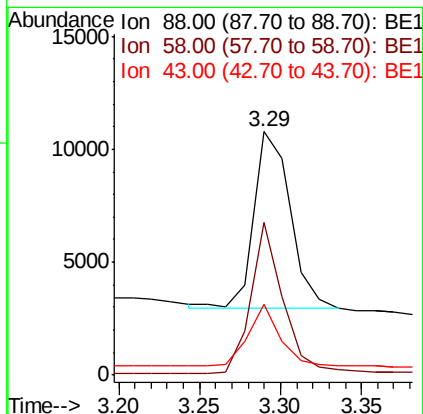
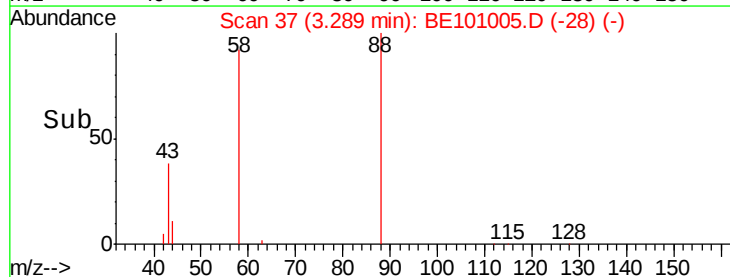
#2

1,4-Dioxane
Concen: 0.889 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Tgt Ion: 88 Resp: 12228
Ion Ratio Lower Upper
88 100
58 74.5 53.0 79.4
43 30.7 23.4 35.2



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



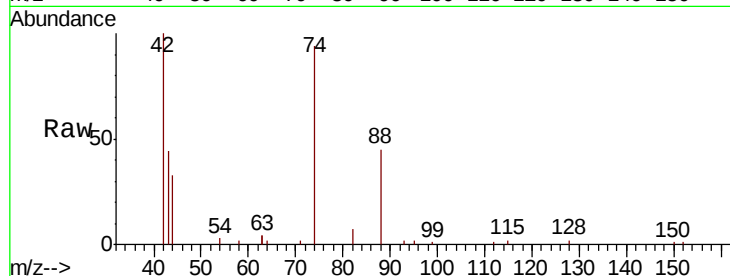


#3

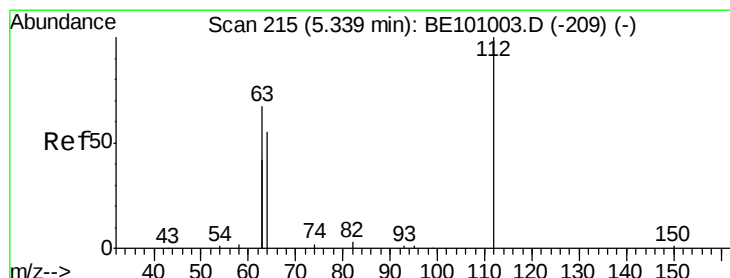
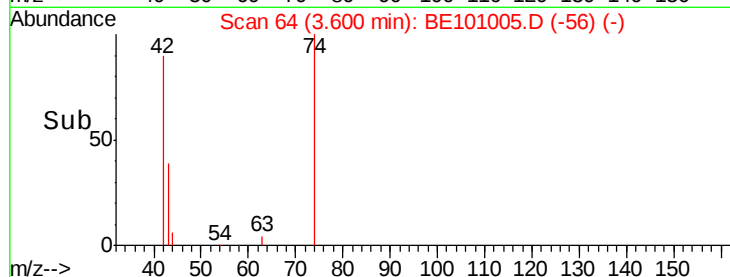
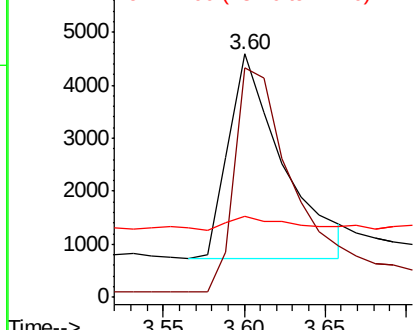
n-Nitrosodimethylamine
 Concen: 2.784 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 8951
 Ion Ratio Lower Upper
 42 100
 74 117.9 105.7 158.5
 44 6.3 10.0 15.0#



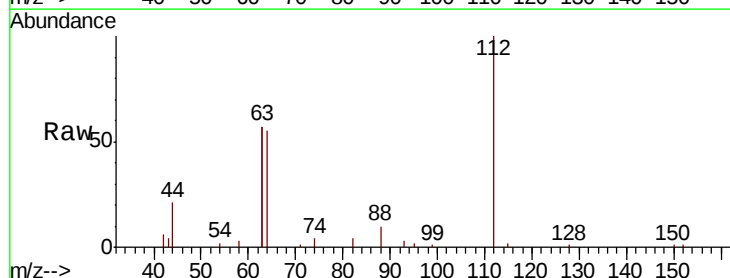
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



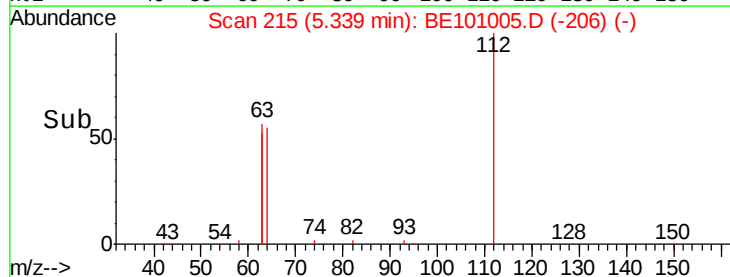
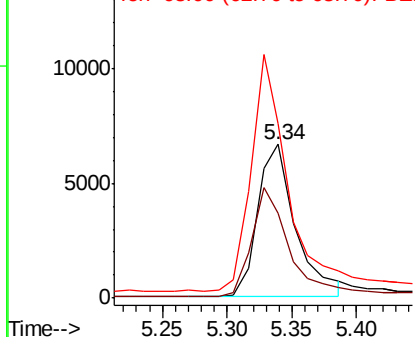
#4

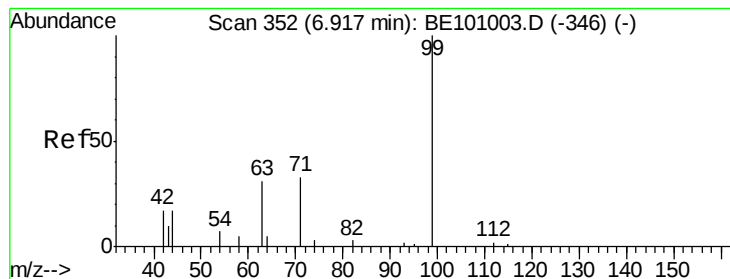
2-Fluorophenol
 Concen: 2.089 ng
 RT: 5.34 min Scan# 215
 Delta R.T. 0.00 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

Tgt Ion: 112 Resp: 13761
 Ion Ratio Lower Upper
 112 100
 64 69.0 53.6 80.4
 63 146.5 114.6 172.0



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: 2.010 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

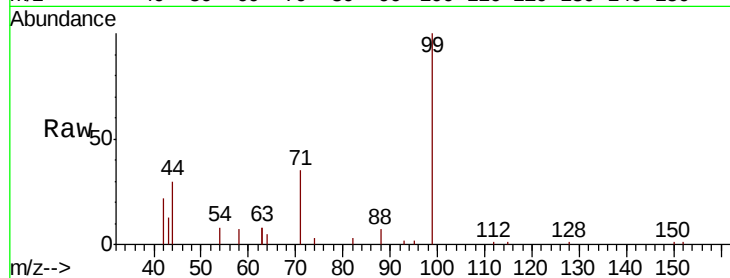
Tot Ion: 99 Resp: 18592

Ion Ratio Lower Upper

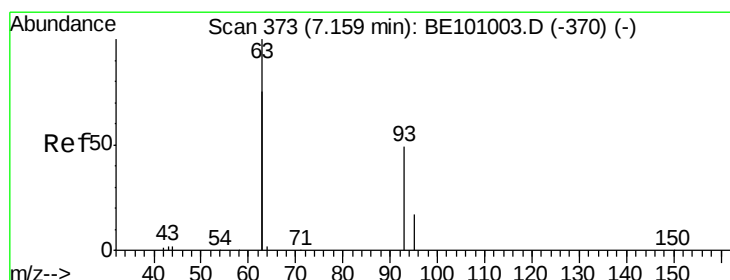
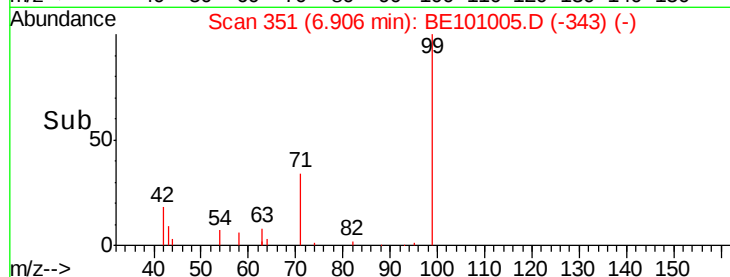
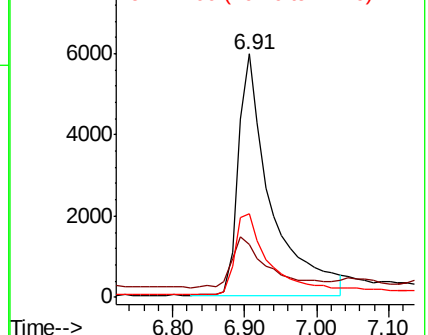
99 100

42 23.7 18.3 27.5

71 36.4 28.0 42.0



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: 1.448 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

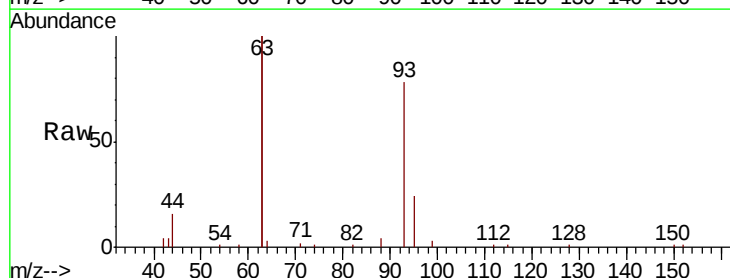
Tgt Ion: 93 Resp: 20389

Ion Ratio Lower Upper

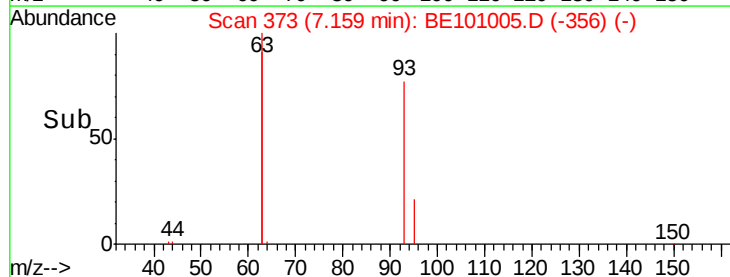
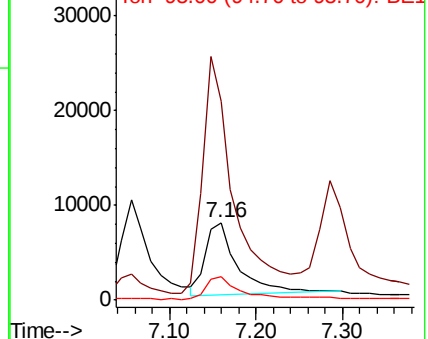
93 100

63 304.7 233.9 350.9

95 33.1 23.5 35.3



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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17056

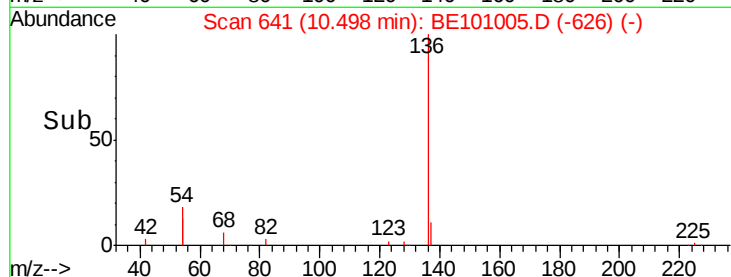
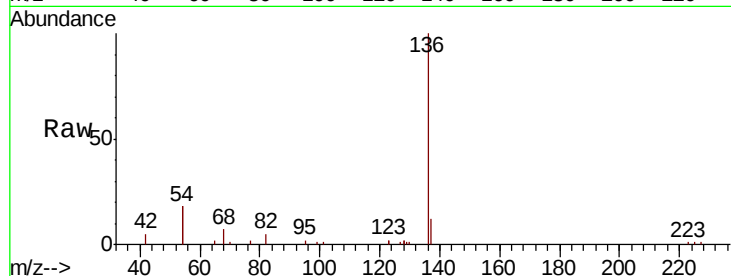
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 35.7 36.8 55.2#

68 7.4 8.4 12.6#

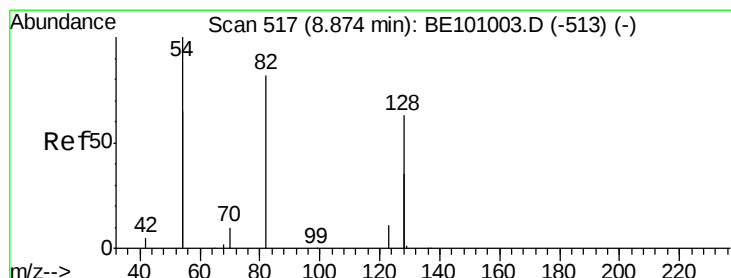
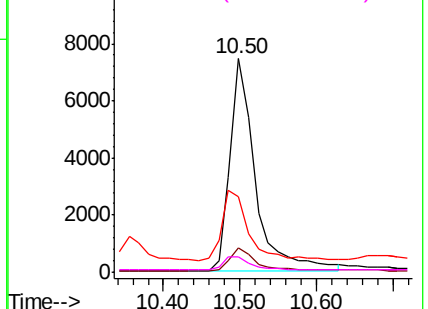


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.526 ng

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

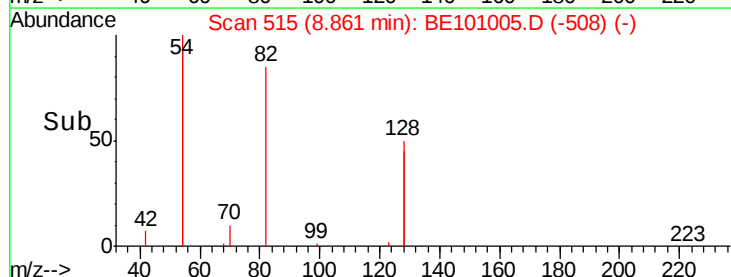
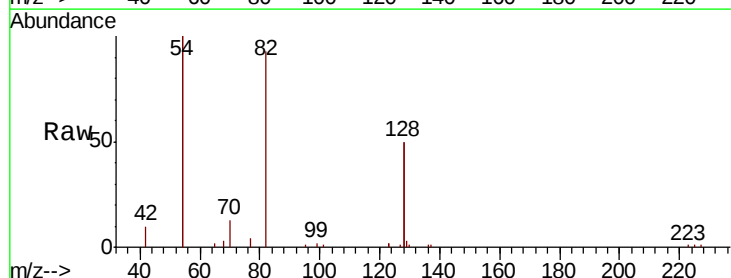
Tgt Ion: 82 Resp: 20643

Ion Ratio Lower Upper

82 100

128 106.7 109.8 164.6#

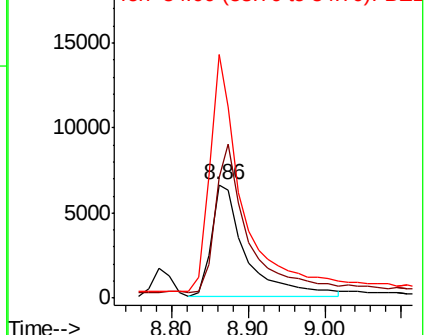
54 214.8 174.5 261.7

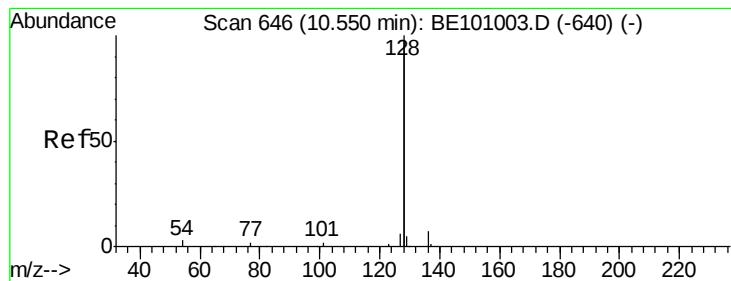


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.726 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

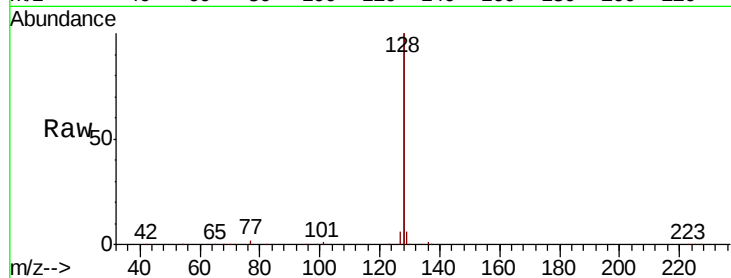
Tot Ion:128 Resp: 312982

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

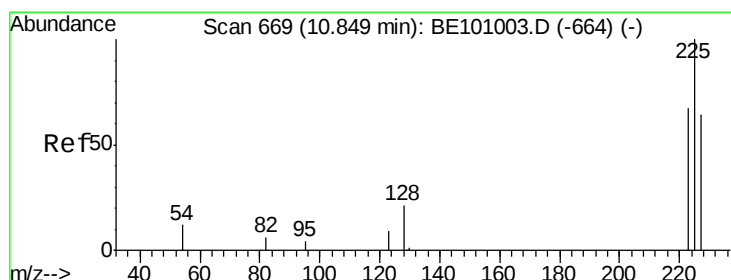
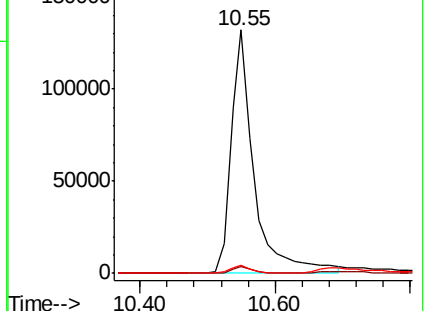
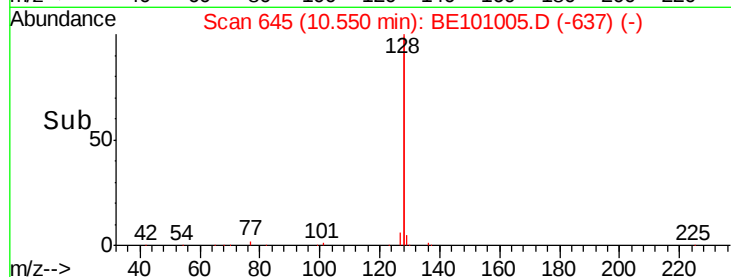
127 3.2 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.567 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

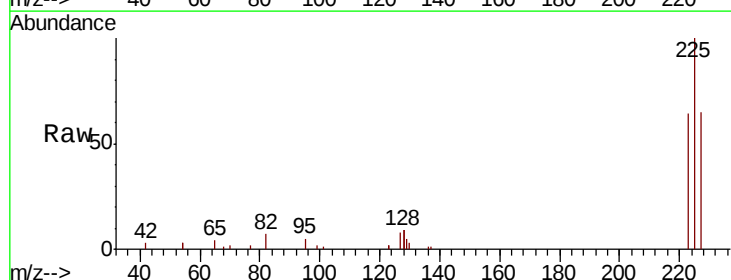
Tgt Ion:225 Resp: 12560

Ion Ratio Lower Upper

225 100

223 64.0 52.2 78.4

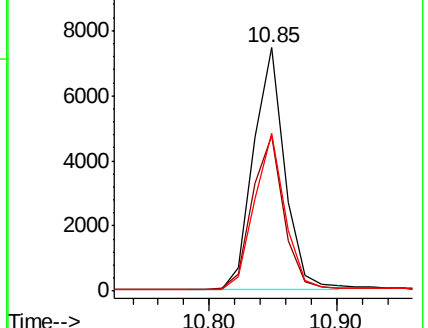
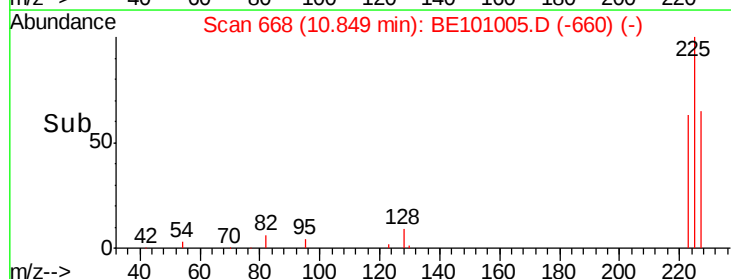
227 63.5 49.9 74.9



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

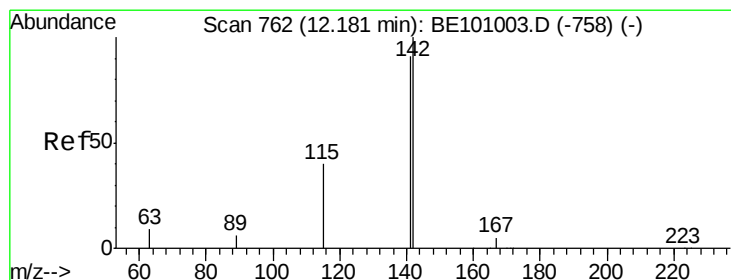
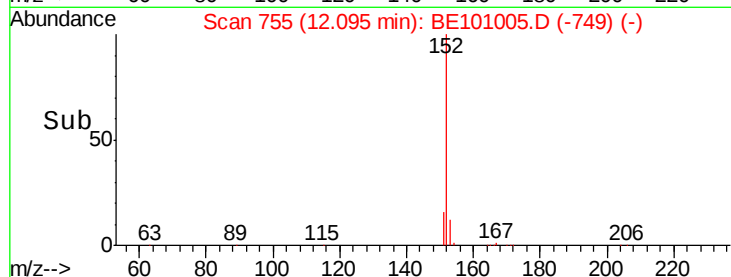
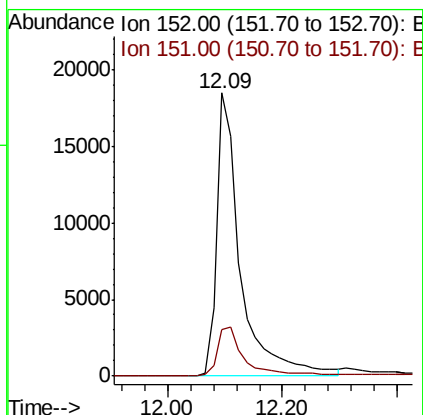
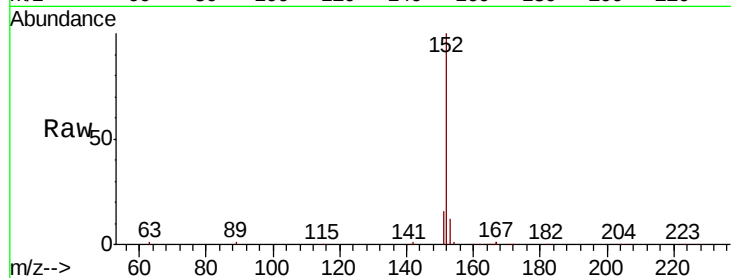




#11
 2-Methylnaphthalene-d10
 Concen: 2.081 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

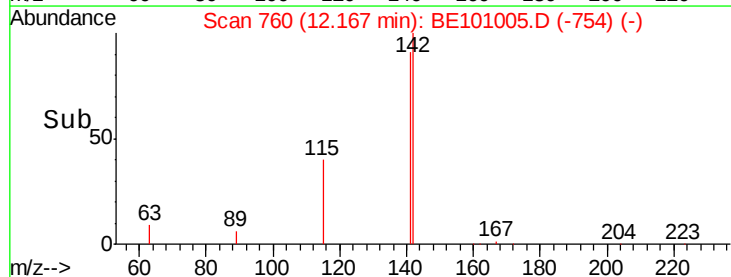
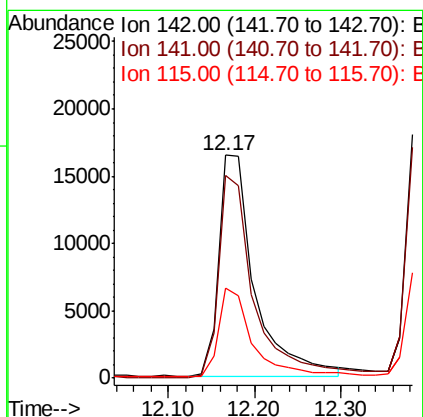
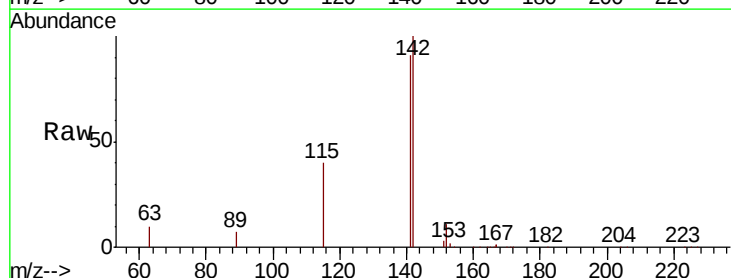
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 52139
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 1.730 ng
 RT: 12.17 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

Tgt Ion:142 Resp: 47531
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.5 108.7
 115 40.3 33.0 49.6

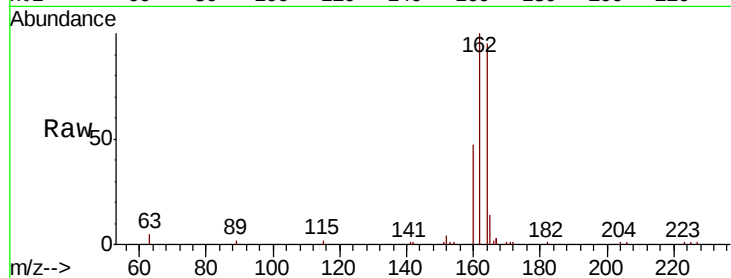




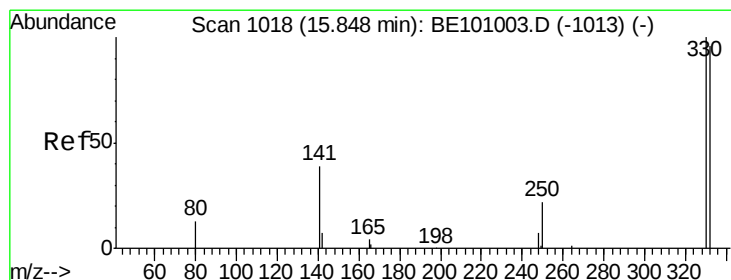
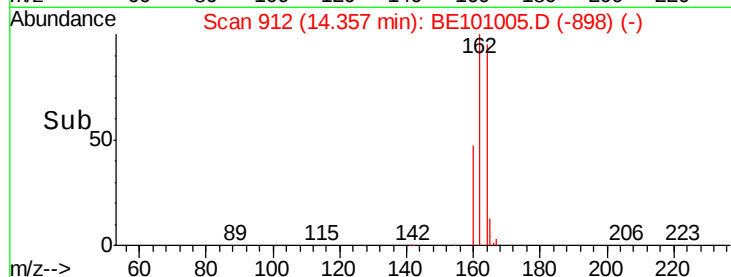
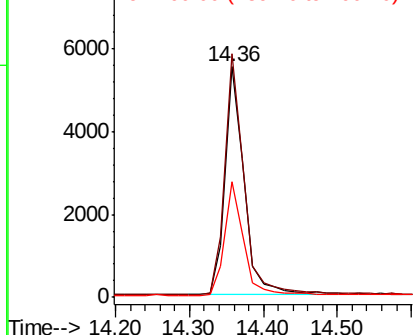
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 9955
 Ion Ratio Lower Upper
 164 100
 162 105.6 84.1 126.1
 160 50.1 40.4 60.6

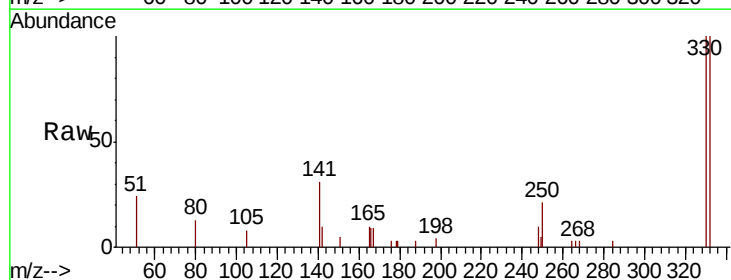


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

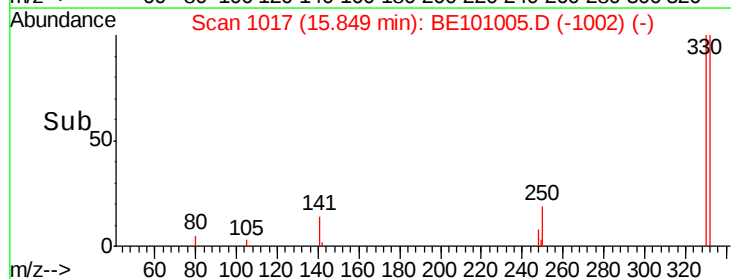
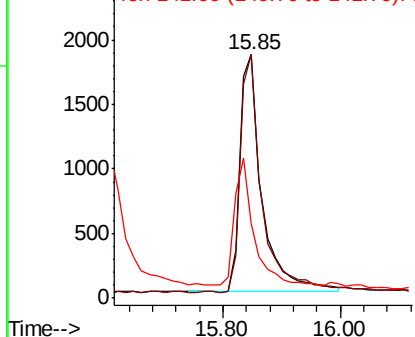


#14
 2,4,6-Tribromophenol
 Concen: 2.210 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

Tgt Ion:330 Resp: 4831
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.4 117.6
 141 47.3 37.0 55.4



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

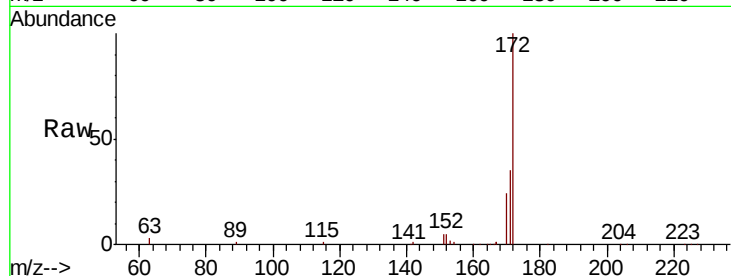




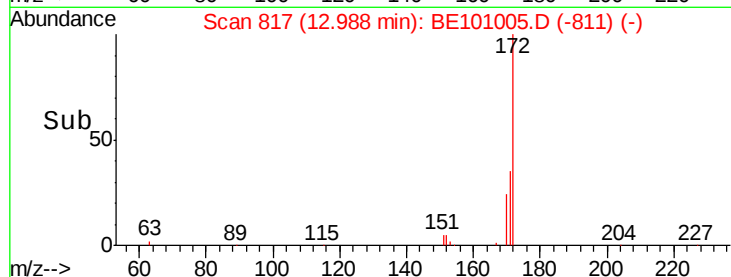
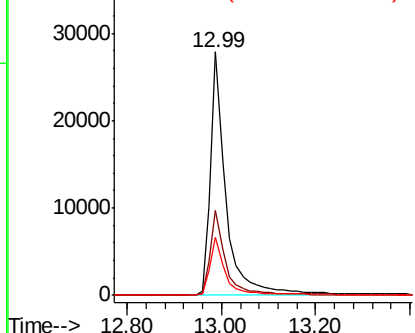
#15
2-Fluorobiphenyl
Concen: 1.781 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 63021
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 18.9 28.3

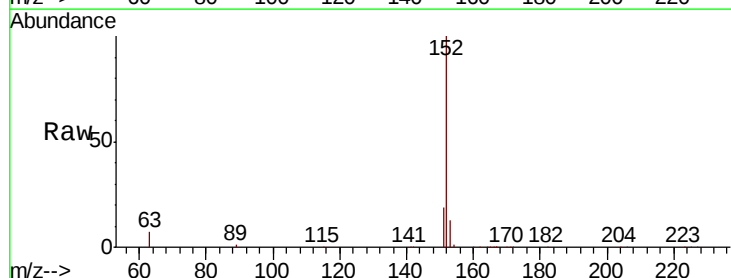


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

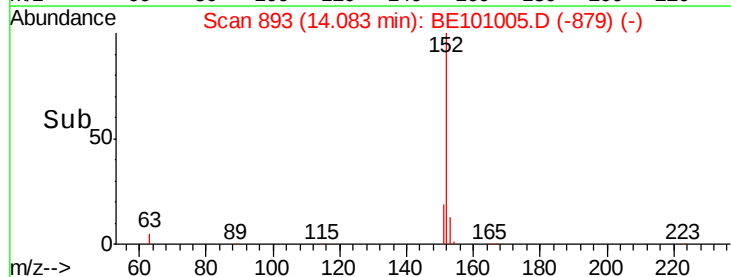
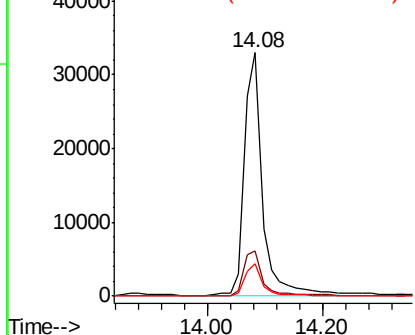


#16
Acenaphthylene
Concen: 1.921 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Tgt Ion:152 Resp: 71462
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.9 10.4 15.6



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

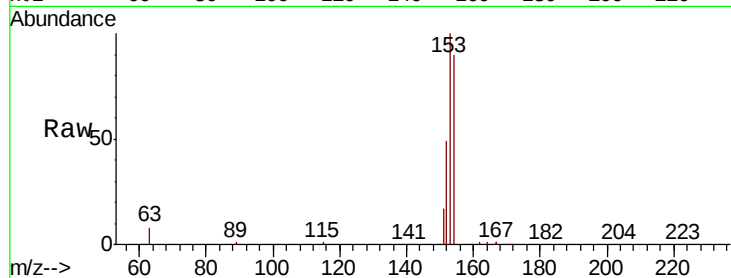




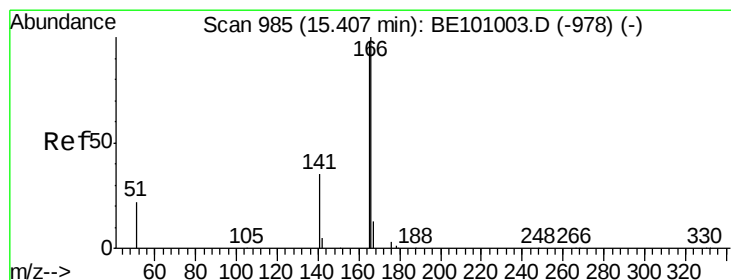
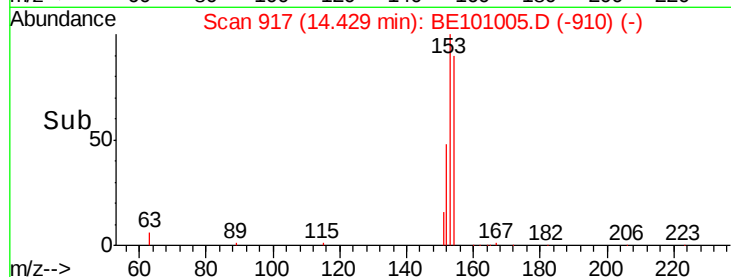
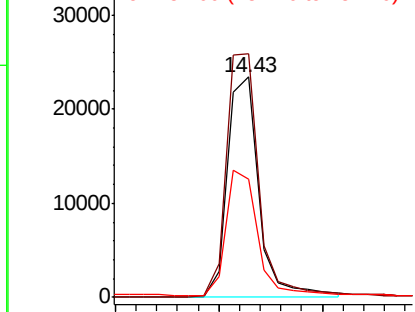
#17
Acenaphthene
Concen: 1.816 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.00 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 49084
Ion Ratio Lower Upper
154 100
153 113.9 93.6 140.4
152 57.2 46.3 69.5

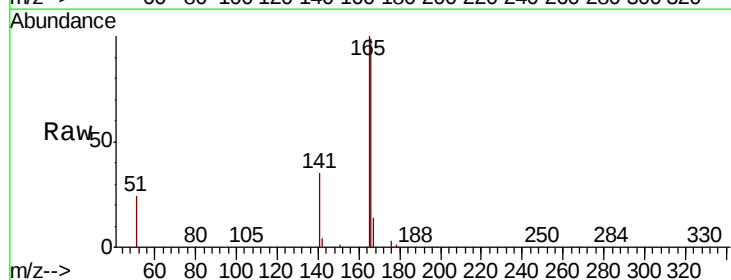


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

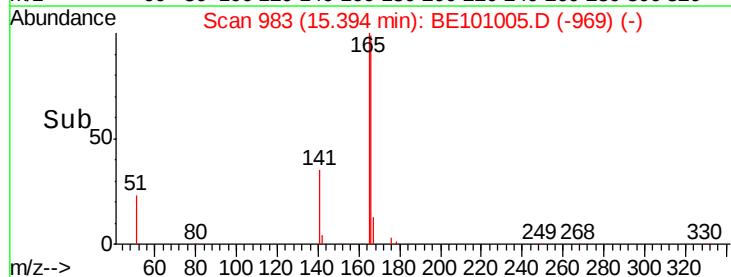
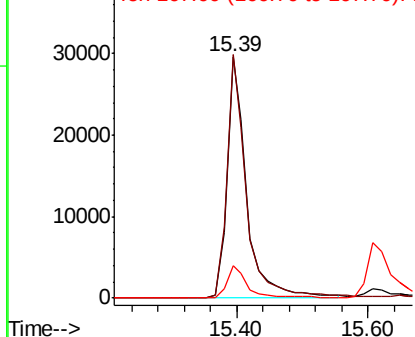


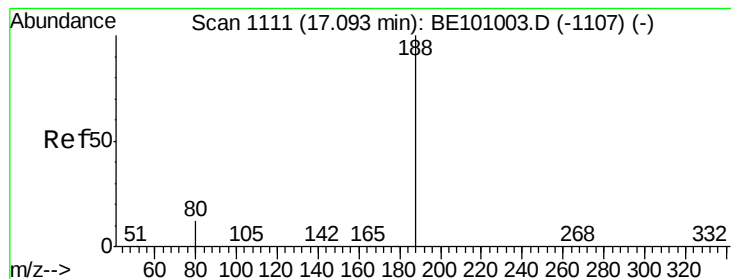
#18
Fluorene
Concen: 1.840 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Tgt Ion:166 Resp: 62003
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.8
167 13.6 11.0 16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampled :

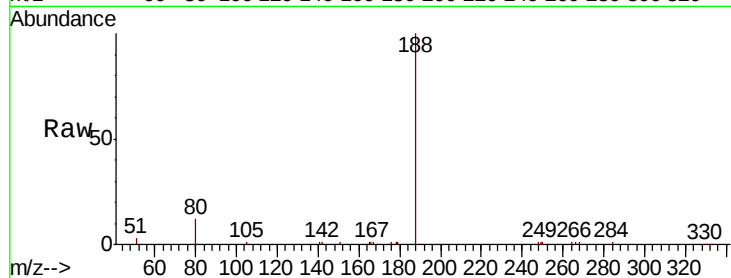
Tot Ion:188 Resp: 22554

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

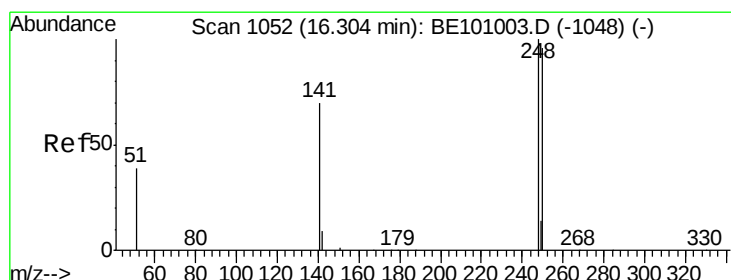
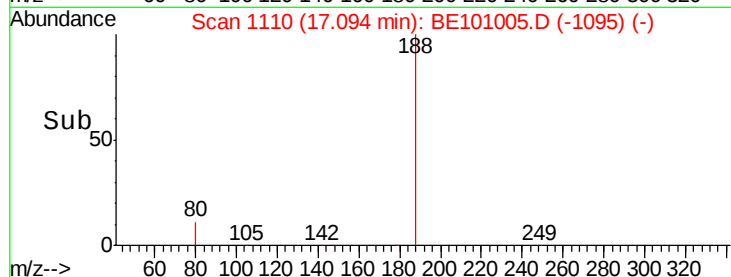
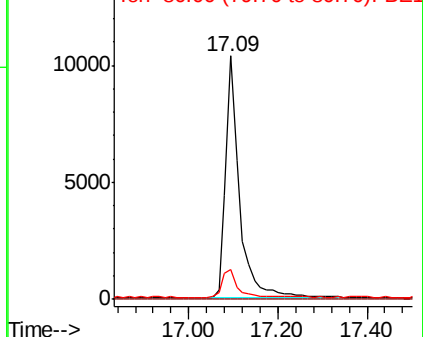
80 12.3 10.8 16.2



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: 1.869 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

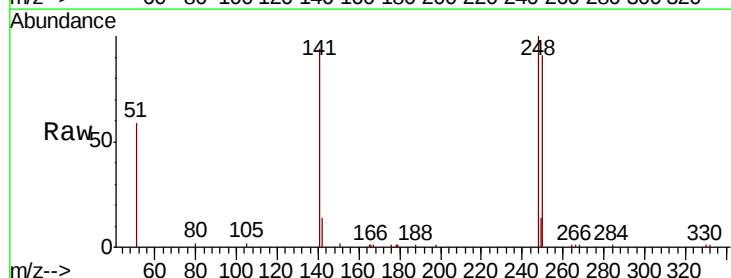
Tgt Ion:248 Resp: 18505

Ion Ratio Lower Upper

248 100

250 90.7 76.6 115.0

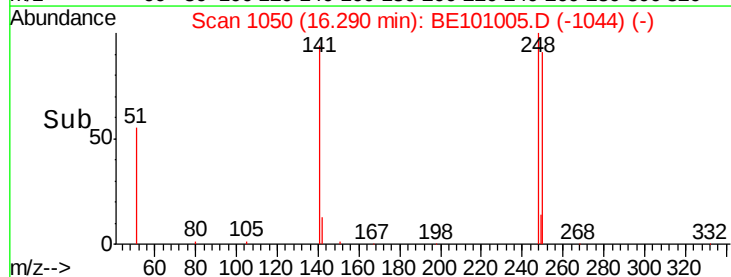
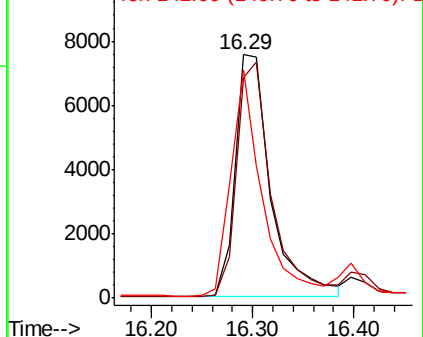
141 93.9 57.7 86.5#



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: 1.688 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampled :

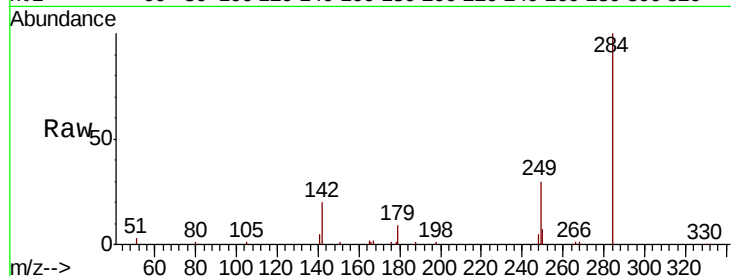
Tot Ion:284 Resp: 19744

Ion Ratio Lower Upper

284 100

142 40.9 34.0 51.0

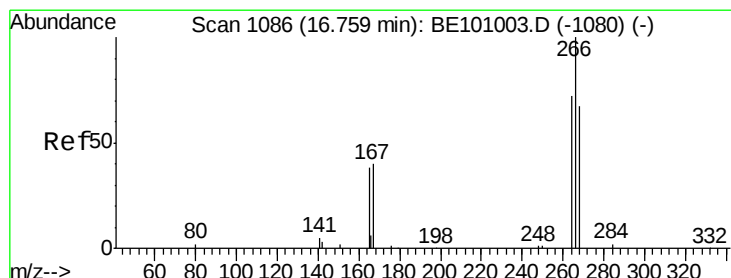
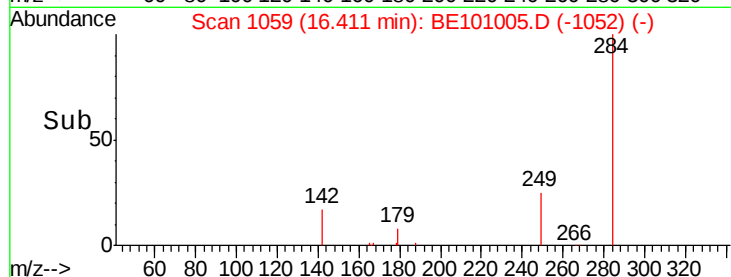
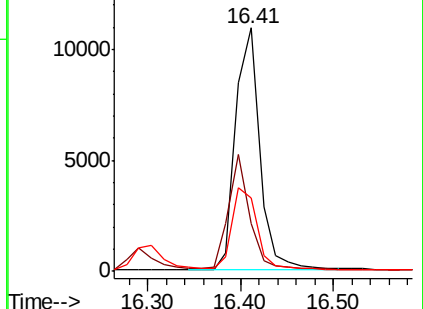
249 34.6 28.2 42.4



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: 2.797 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

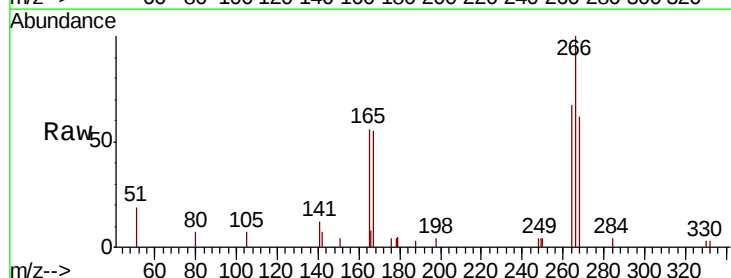
Tgt Ion:266 Resp: 4885

Ion Ratio Lower Upper

266 100

264 67.3 61.0 91.4

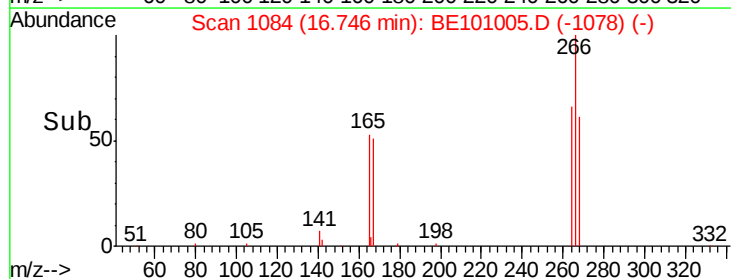
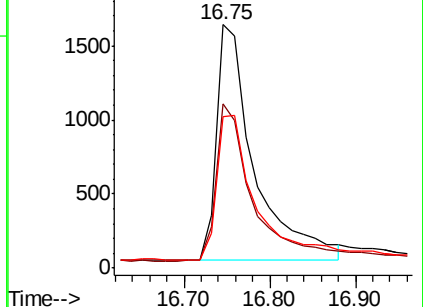
268 62.4 58.5 87.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.745 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

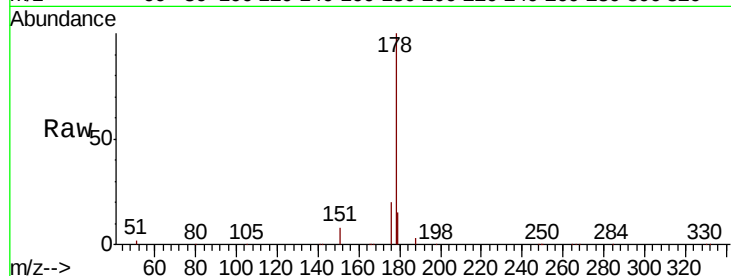
Tot Ion:178 Resp: 101463

Ion Ratio Lower Upper

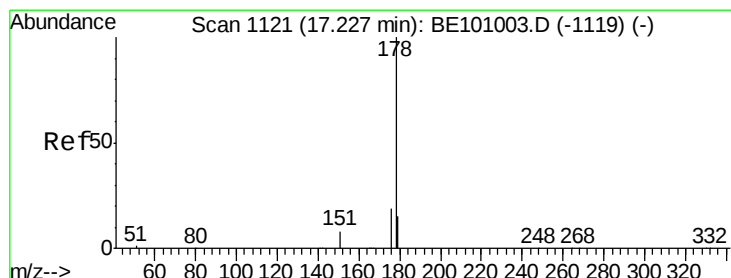
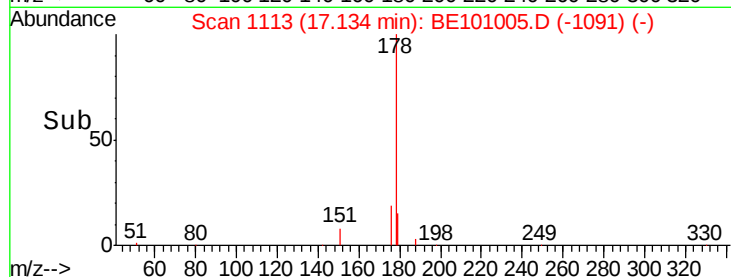
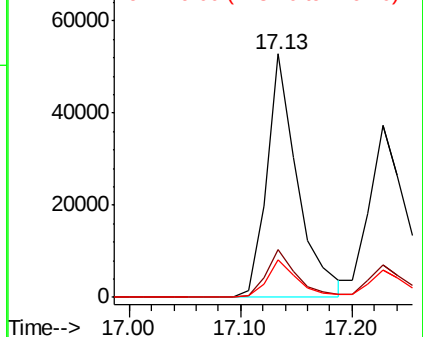
178 100

176 19.3 15.7 23.5

179 15.8 12.0 18.0



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: 1.680 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

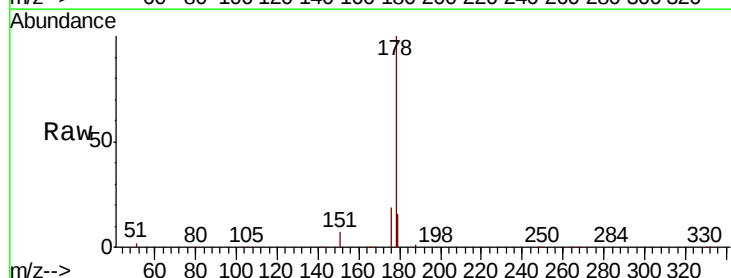
Tgt Ion:178 Resp: 98756

Ion Ratio Lower Upper

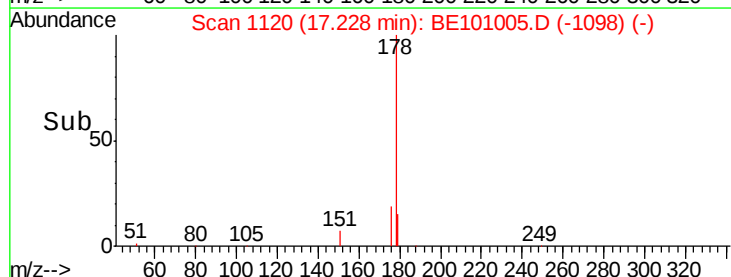
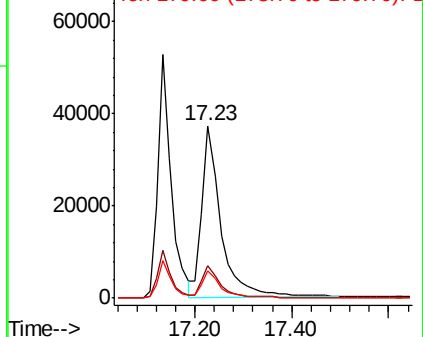
178 100

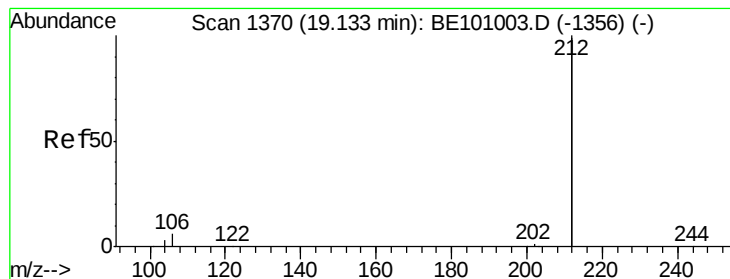
176 18.7 14.8 22.2

179 15.2 12.4 18.6



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: 1.950 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

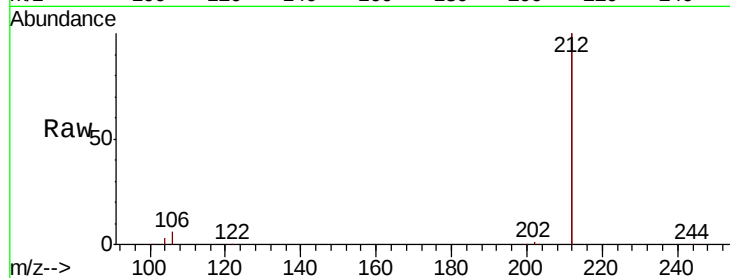
Tot Ion:212 Resp: 533731

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

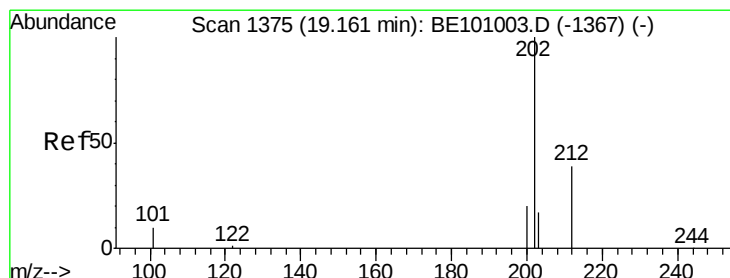
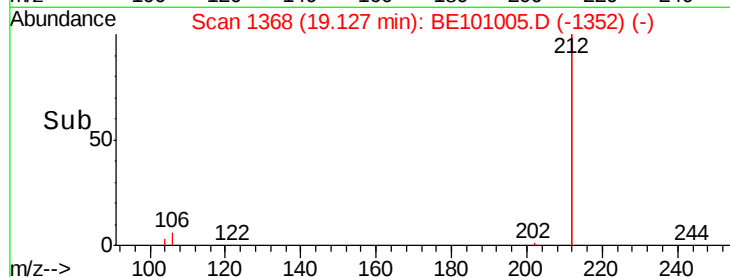
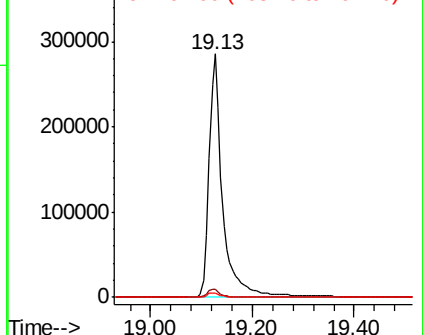
104 1.8 1.4 2.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.702 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

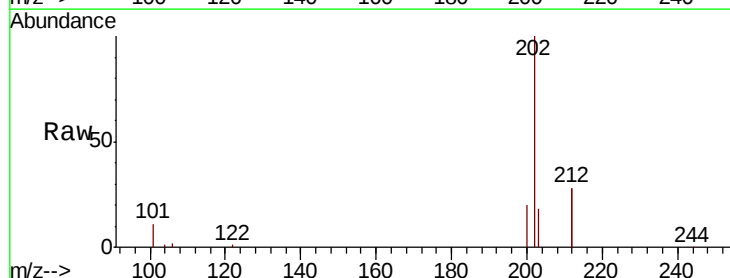
Tgt Ion:202 Resp: 134904

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

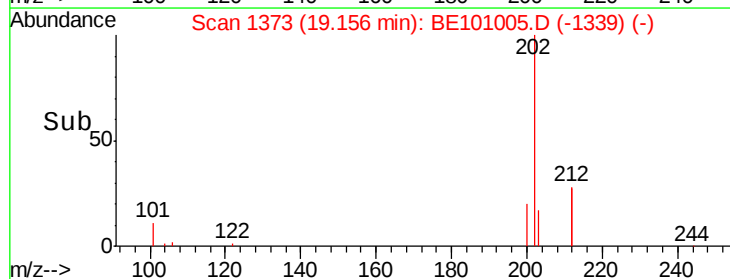
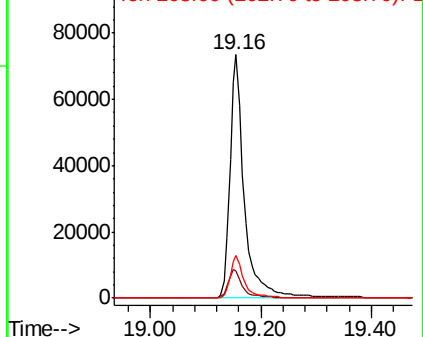
203 16.8 13.8 20.6



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

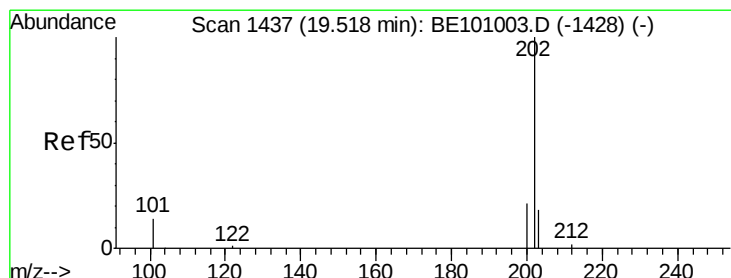
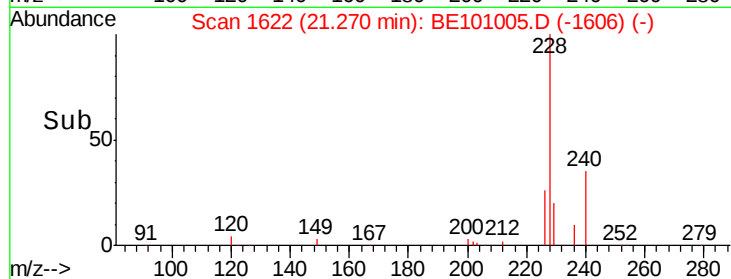
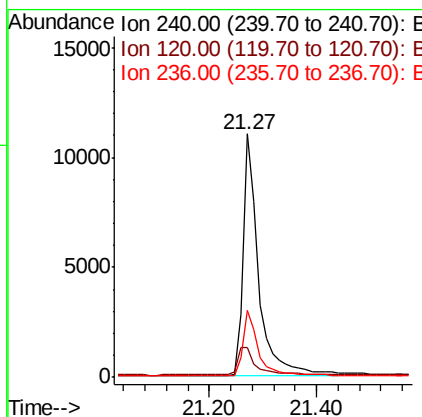
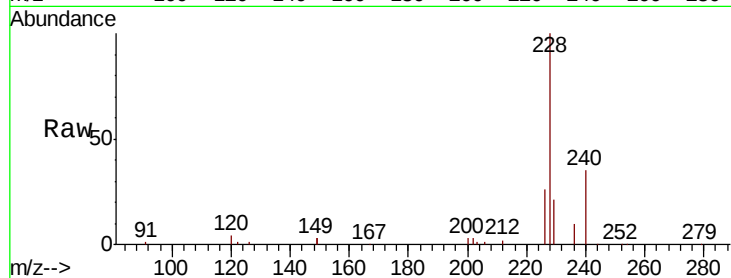




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

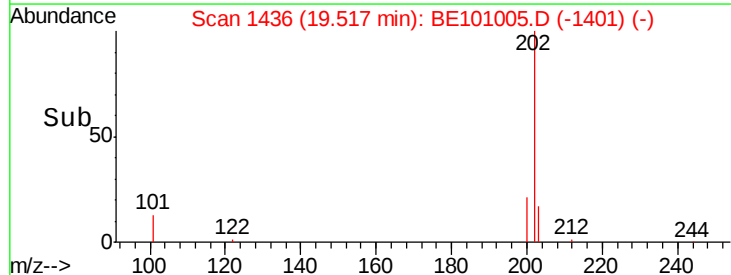
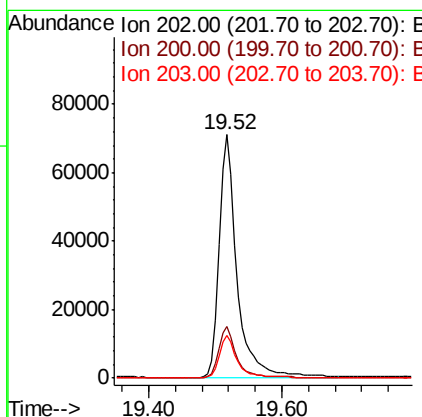
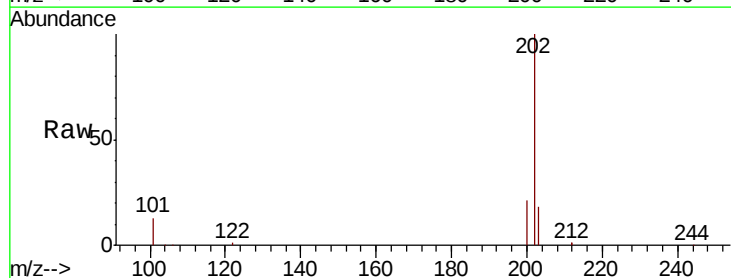
Instrument :
BNA_E
ClientSampled :

Tot Ion:240 Resp: 22593
Ion Ratio Lower Upper
240 100
120 12.1 8.6 13.0
236 27.6 22.2 33.4



#28
Pyrene
Concen: 1.664 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101005.D
Acq: 8 Jan 2020 15:53

Tgt Ion:202 Resp: 131541
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 13.8 20.6





#29

Terphenyl-d14

Concen: 1.703 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

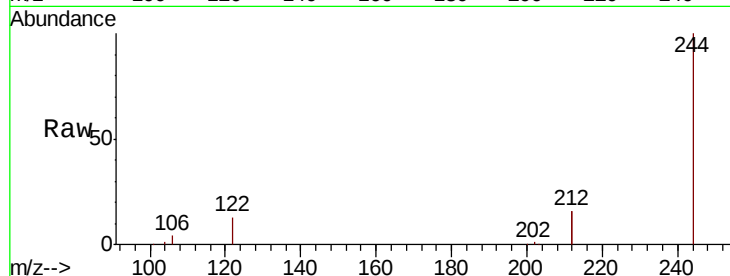
Tot Ion:244 Resp: 88415

Ion Ratio Lower Upper

244 100

212 31.8 27.2 40.8

122 13.0 9.8 14.8

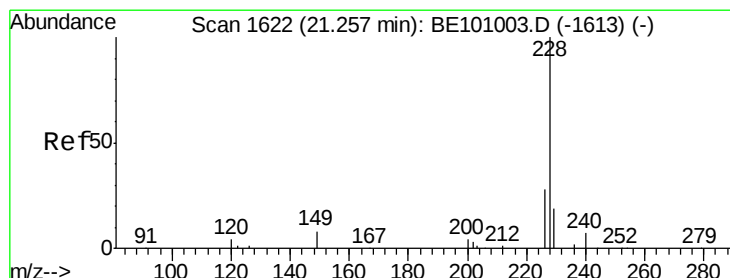
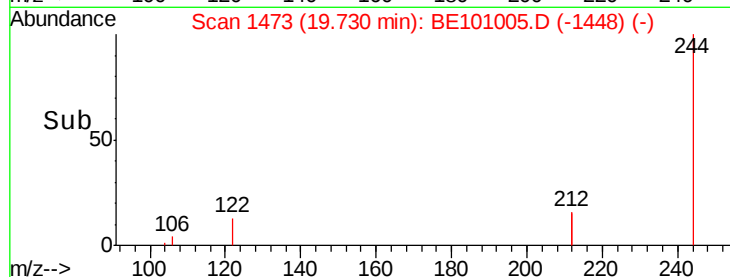
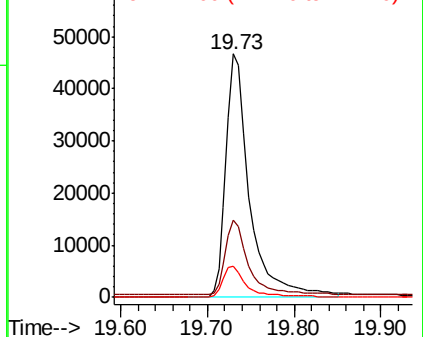


Abundance

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: 1.907 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

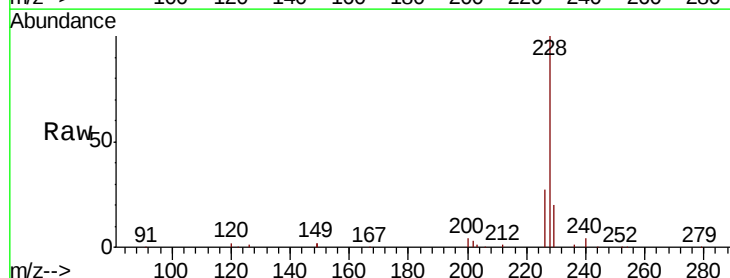
Tgt Ion:228 Resp: 105462

Ion Ratio Lower Upper

228 100

226 27.1 22.7 34.1

229 19.9 15.5 23.3

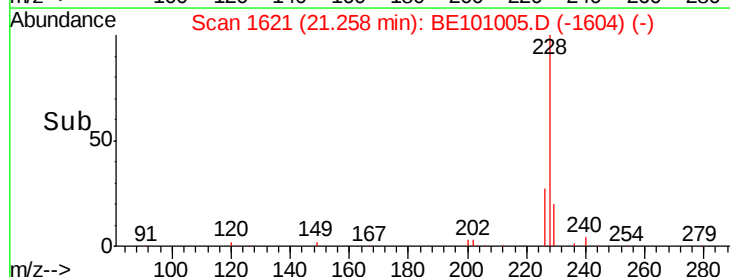
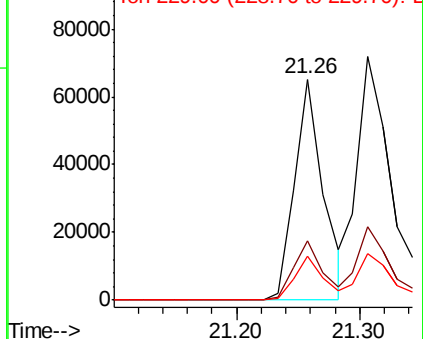


Abundance

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: 1.500 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

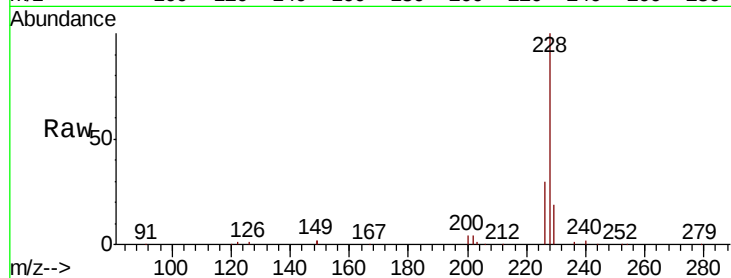
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 154446

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	19.3	16.7	25.1

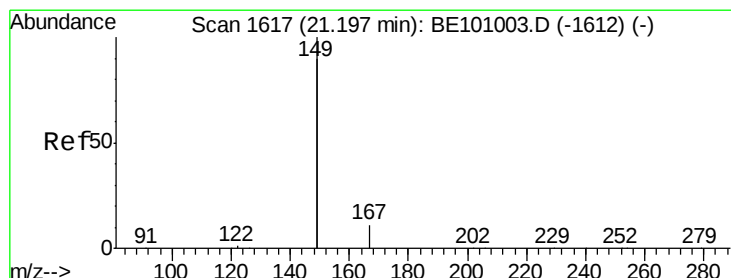
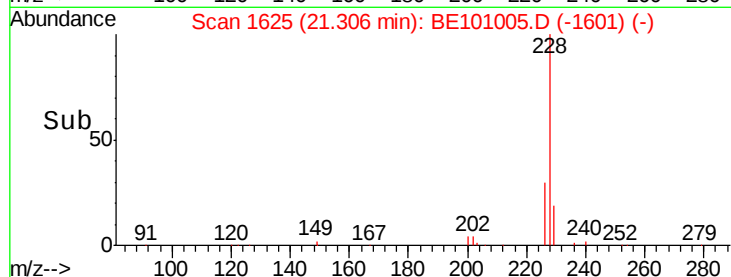
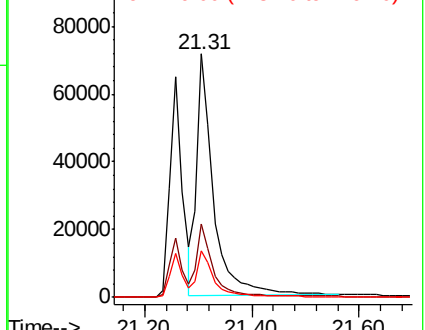


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.387 ng

RT: 21.20 min Scan# 1616

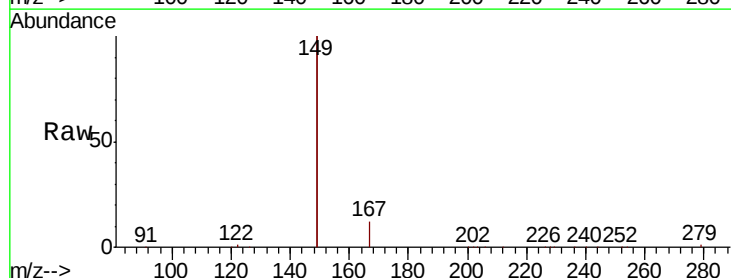
Delta R.T. 0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Tgt Ion:149 Resp: 168678

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	0.8	0.8	1.2

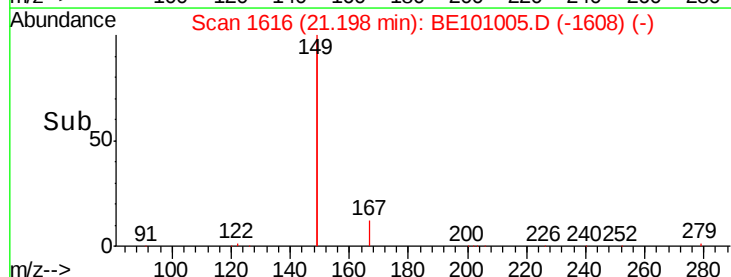
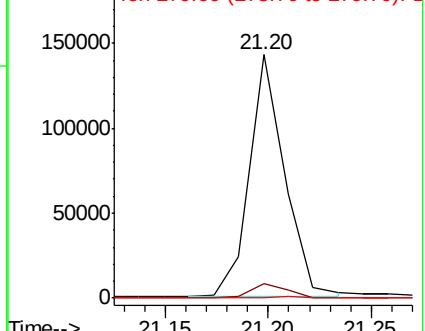


Abundance

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

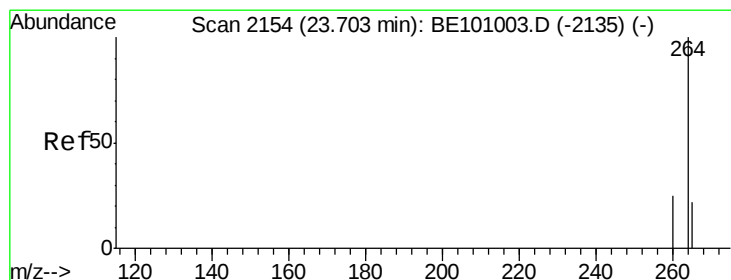
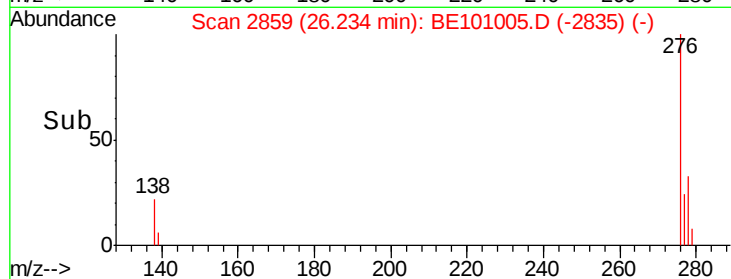
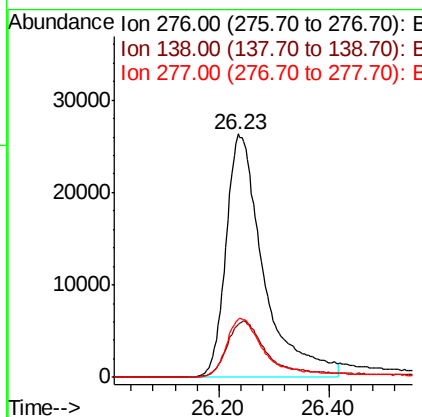
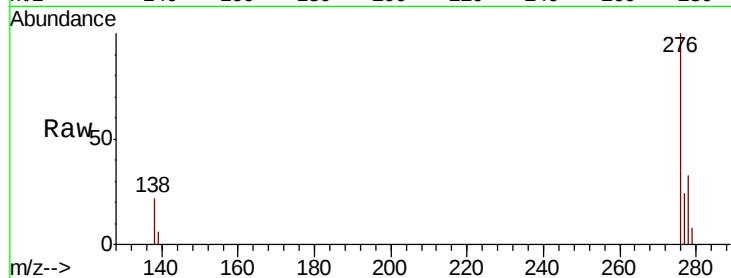




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.600 ng
 RT: 26.23 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

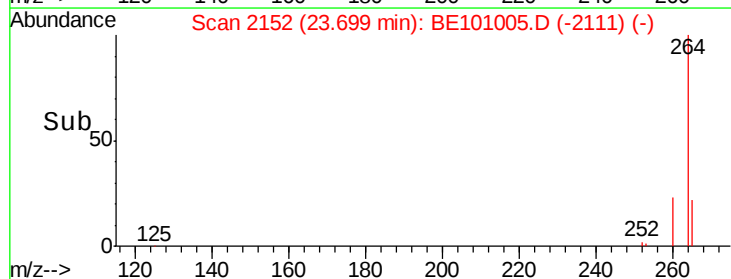
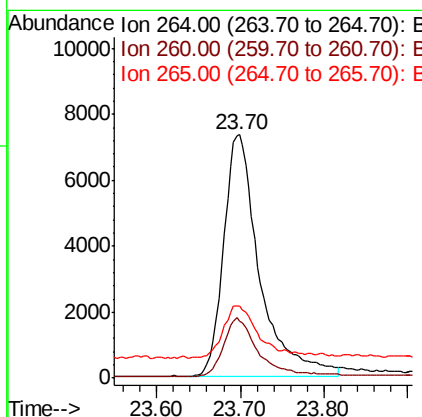
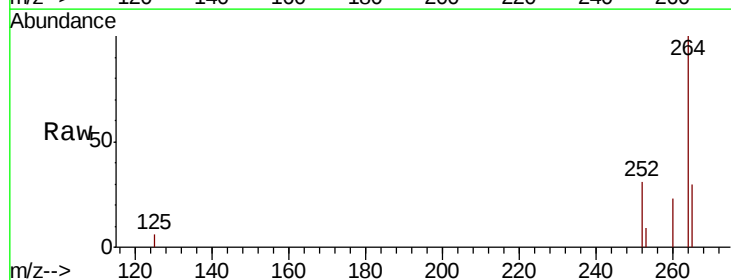
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 123984
 Ion Ratio Lower Upper
 276 100
 138 24.6 16.1 24.1#
 277 23.4 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE101005.D
 Acq: 8 Jan 2020 15:53

Tgt Ion:264 Resp: 21787
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.3 30.5
 265 29.8 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 2.355 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

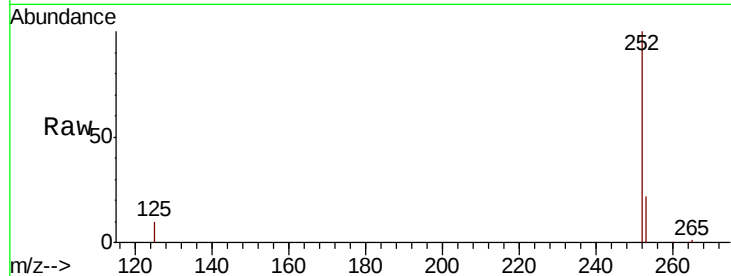
Tot Ion:252 Resp: 108032

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

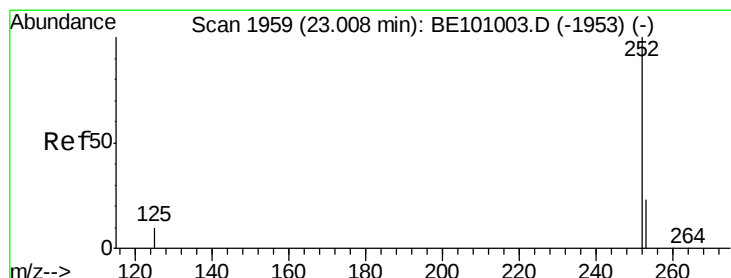
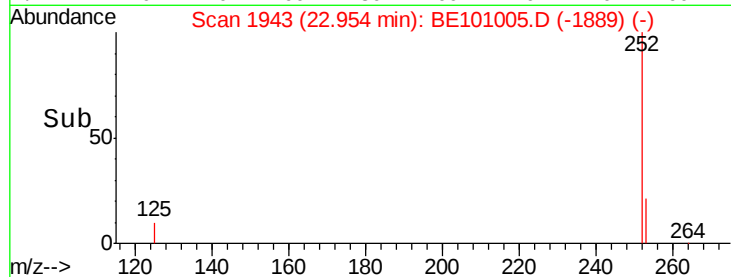
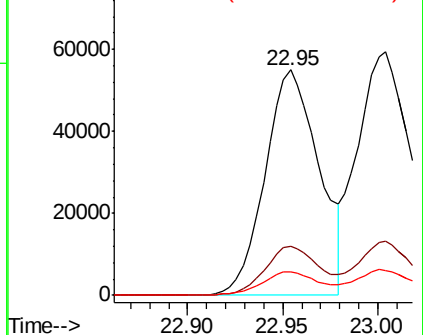
125 10.3 9.5 14.3



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: 1.644 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

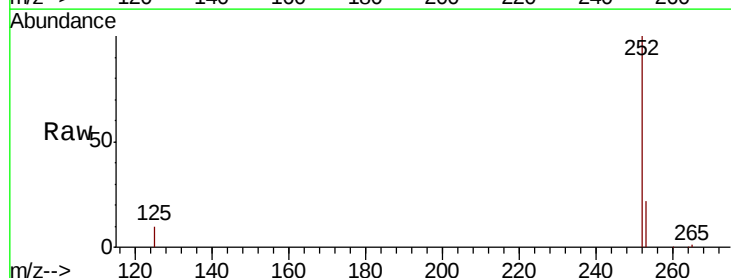
Tgt Ion:252 Resp: 142945

Ion Ratio Lower Upper

252 100

253 22.0 18.9 28.3

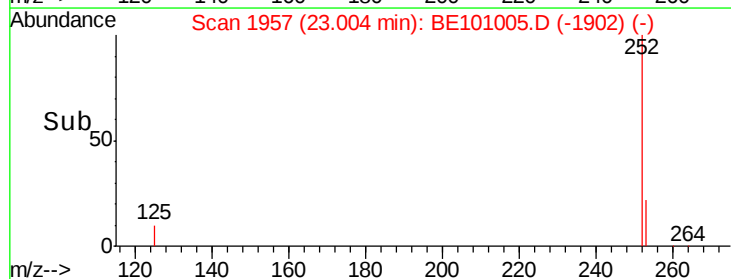
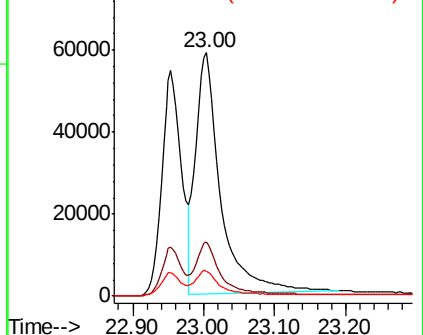
125 10.4 10.1 15.1



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: 1.912 ng

RT: 23.59 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :

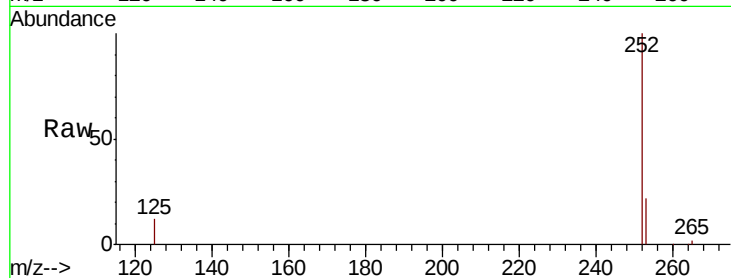
Tot Ion:252 Resp: 102368

Ion Ratio Lower Upper

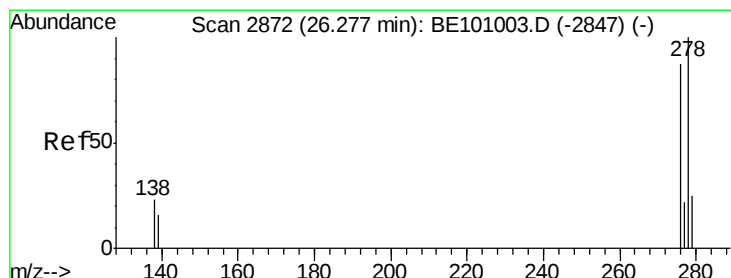
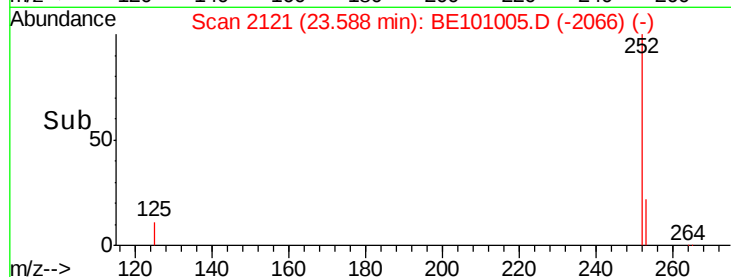
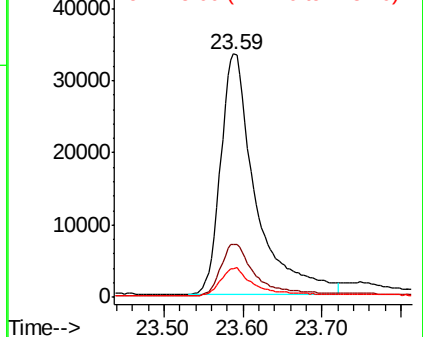
252 100

253 21.9 19.4 29.2

125 11.6 11.8 17.6#



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: 2.015 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

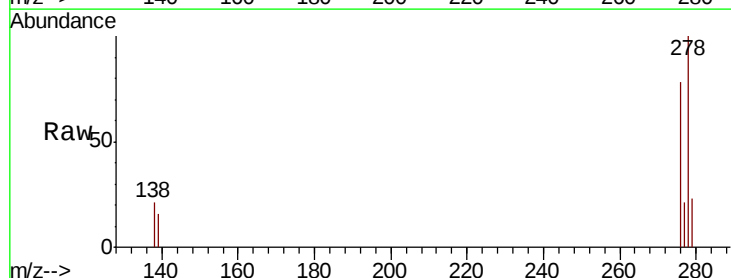
Tgt Ion:278 Resp: 97790

Ion Ratio Lower Upper

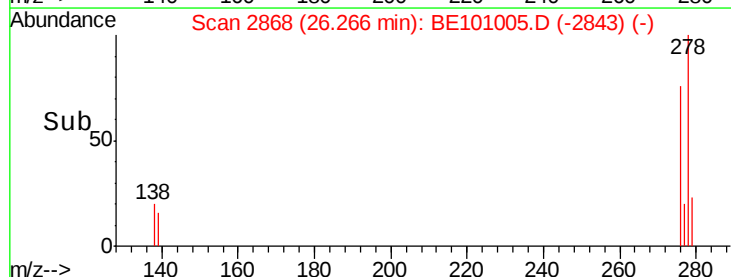
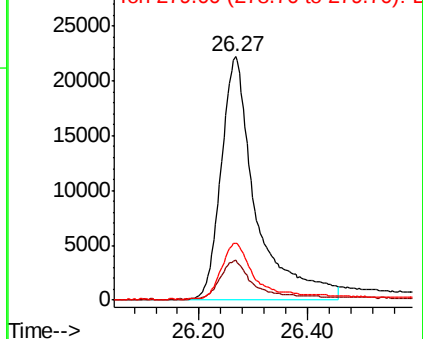
278 100

139 16.4 15.0 22.4

279 23.2 22.6 33.8



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: 2.008 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

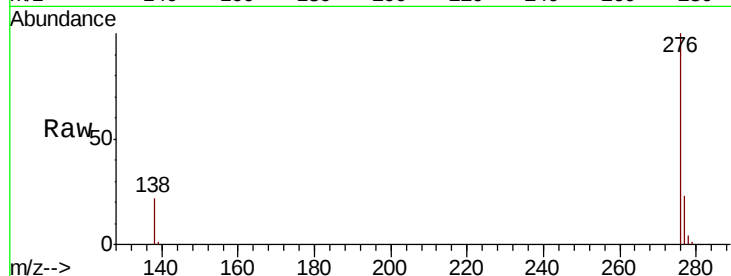
Lab File: BE101005.D

Acq: 8 Jan 2020 15:53

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 114779

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.2

138 22.2 17.9 26.9

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

