

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101009.D
 Acq On : 9 Jan 2020 12:54
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 09 18:06:14 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 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3232	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	14448	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8455	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	18637	0.40	ng	0.00
27) Chrysene-d12	21.28	240	15703	0.40	ng	0.00
34) Perylene-d12	23.70	264	18144	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2710	0.37	ng	0.00
5) Phenol-d6	6.91	99	3198	0.35	ng	0.00
8) Nitrobenzene-d5	8.87	82	3447	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11201	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	718	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13268	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	98904	0.38	ng	0.00
29) Terphenyl-d14	19.74	244	15642	0.41	ng	0.00

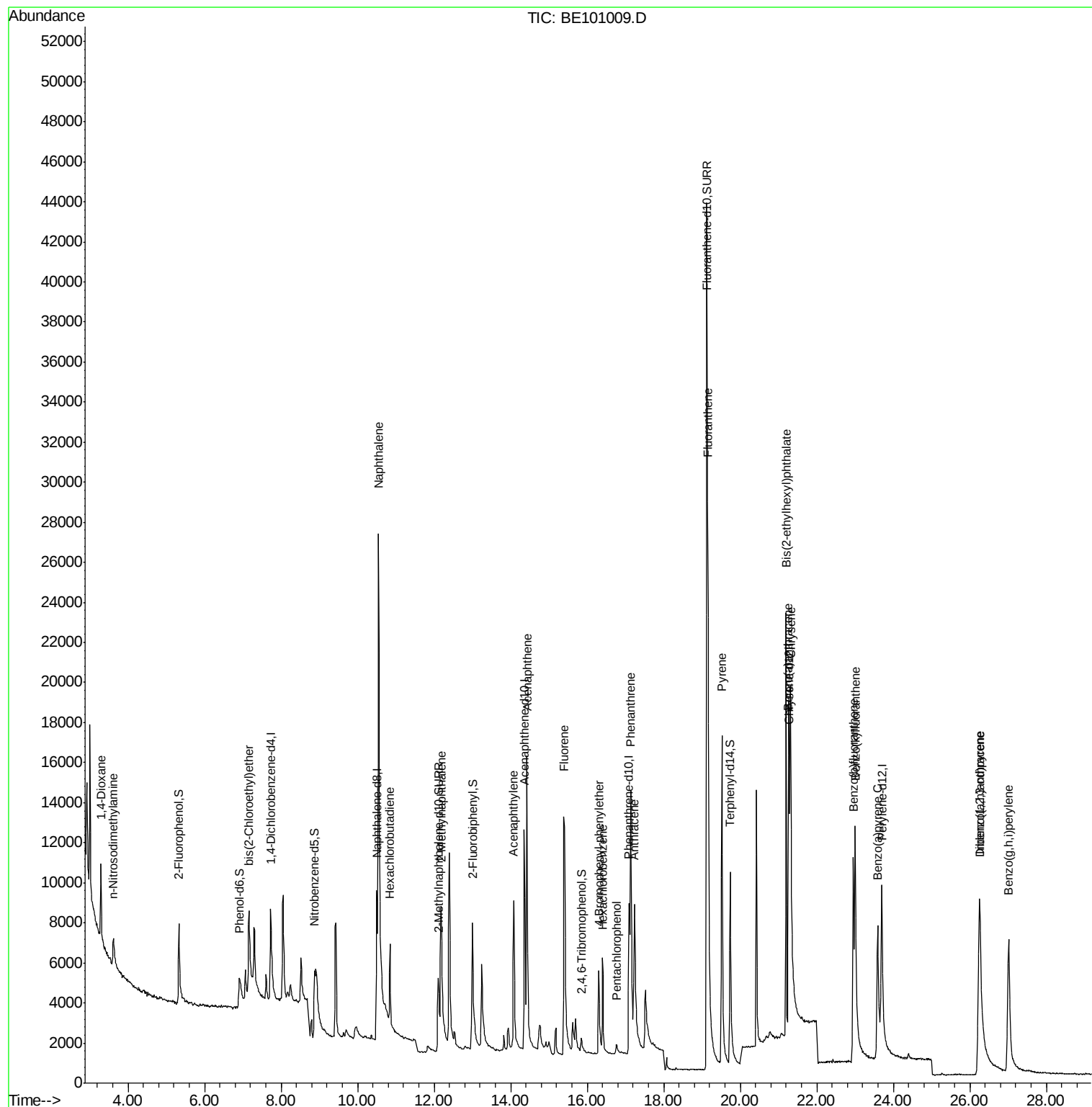
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2918	0.363	ng	96
3) n-Nitrosodimethylamine	3.60	42	1330	0.296	ng	100
6) bis(2-Chloroethyl)ether	7.16	93	3703	0.338	ng	98
9) Naphthalene	10.55	128	66009	0.411	ng	100
10) Hexachlorobutadiene	10.85	225	2898	0.427	ng	97
12) 2-Methylnaphthalene	12.18	142	9608	0.396	ng	99
16) Acenaphthylene	14.08	152	12374	0.359	ng	99
17) Acenaphthene	14.43	154	9826	0.399	ng	99
18) Fluorene	15.39	166	12255	0.393	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	3499	0.385	ng	94
21) Hexachlorobenzene	16.41	284	4133	0.414	ng	100
22) Pentachlorophenol	16.76	266	607	0.424	ng	98
23) Phenanthrene	17.13	178	20042	0.394	ng	99
24) Anthracene	17.23	178	18272	0.380	ng	99
26) Fluoranthene	19.16	202	24215	0.380	ng	98
28) Pyrene	19.52	202	24356	0.417	ng	99
30) Benzo(a)anthracene	21.26	228	14477	0.323	ng	99
31) Chrysene	21.32	228	30797	0.462	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	23720	0.318	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	22470	0.427	ng	98
35) Benzo(b)fluoranthene	22.95	252	16874	0.332	ng	99
36) Benzo(k)fluoranthene	23.00	252	25135	0.341	ng	100
37) Benzo(a)pyrene	23.59	252	18319	0.372	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	16712	0.369	ng	97
39) Benzo(g,h,i)perylene	27.01	276	20196	0.363	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101009.D
Acq On : 9 Jan 2020 12:54
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 09 18:06:14 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 18:36:25 2020
Response via : Initial Calibration



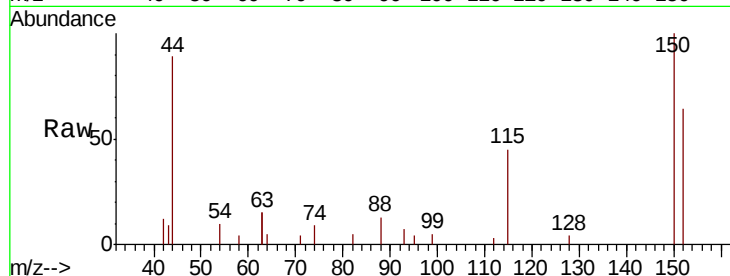


#1

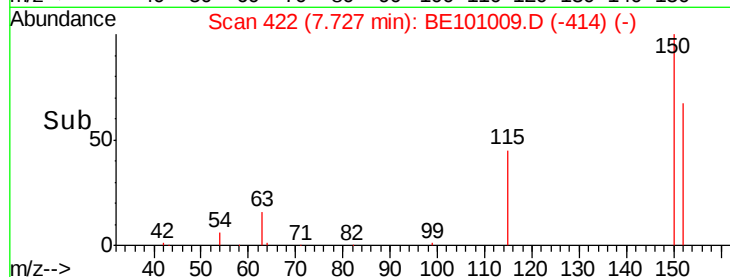
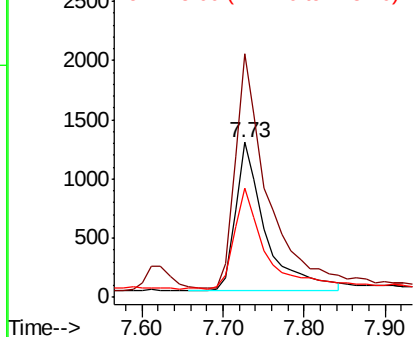
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3232
Ion Ratio Lower Upper
152 100
150 156.9 120.3 180.5
115 70.6 51.7 77.5



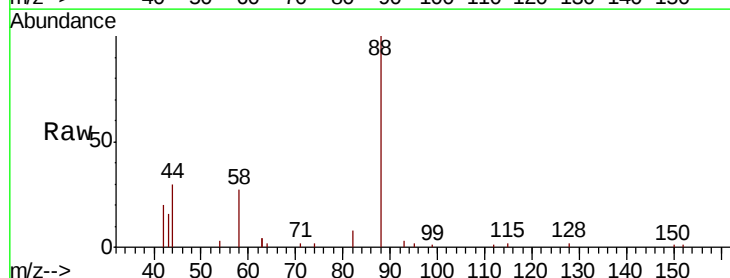
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



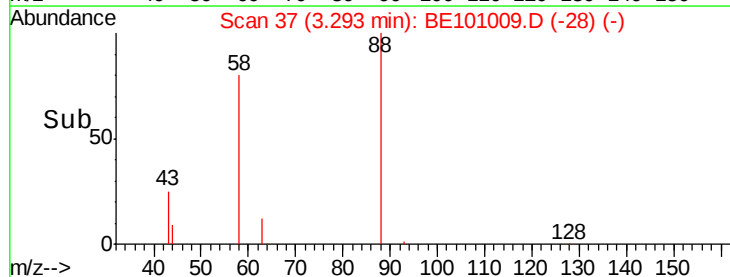
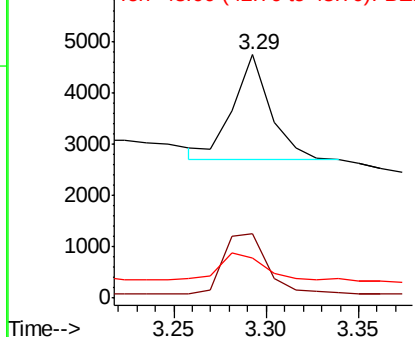
#2

1,4-Dioxane
Concen: 0.363 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Tgt Ion: 88 Resp: 2918
Ion Ratio Lower Upper
88 100
58 69.8 53.0 79.4
43 28.5 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



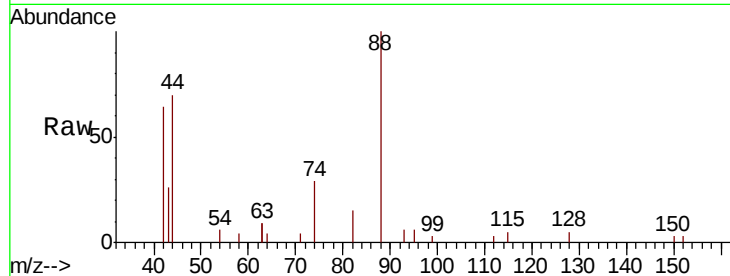


#3

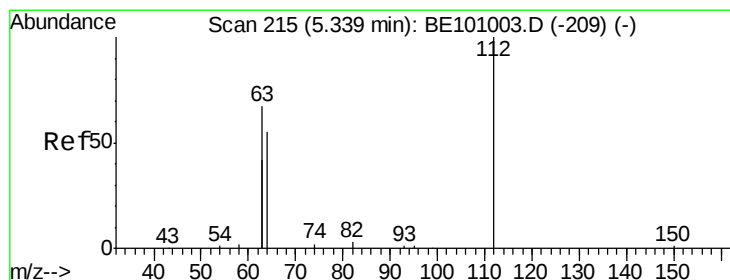
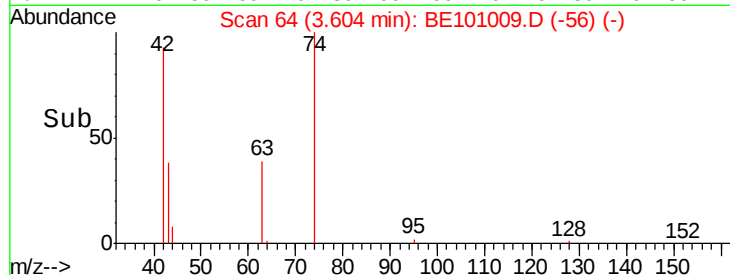
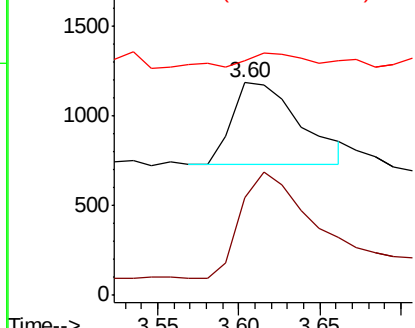
n-Nitrosodimethylamine
 Concen: 0.296 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 1330
 Ion Ratio Lower Upper
 42 100
 74 132.3 105.7 158.5
 44 13.5 10.0 15.0



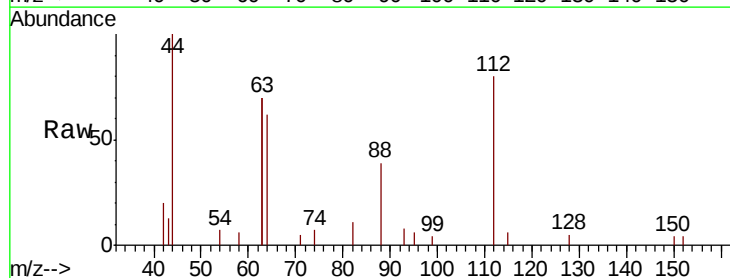
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



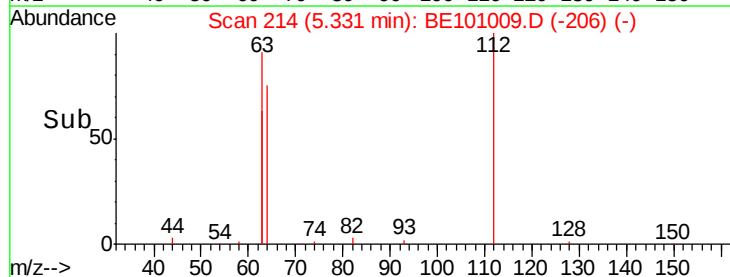
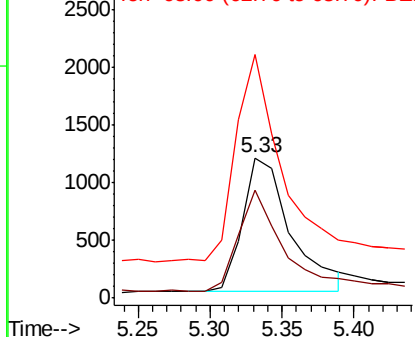
#4

2-Fluorophenol
 Concen: 0.373 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

Tgt Ion: 112 Resp: 2710
 Ion Ratio Lower Upper
 112 100
 64 68.6 53.6 80.4
 63 148.6 114.6 172.0



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: 0.347 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampled :

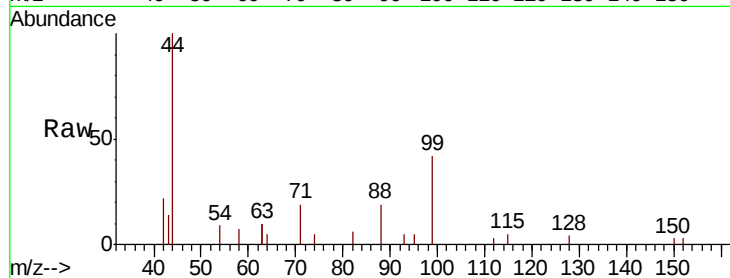
Tot Ion: 99 Resp: 3198

Ion Ratio Lower Upper

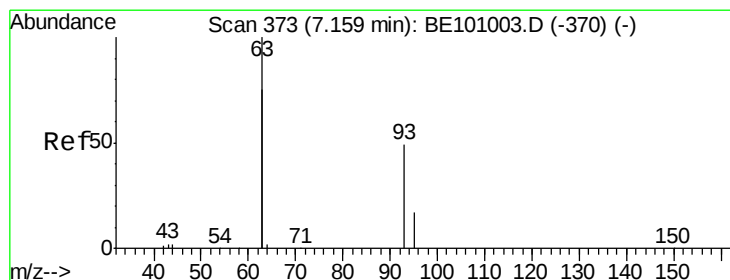
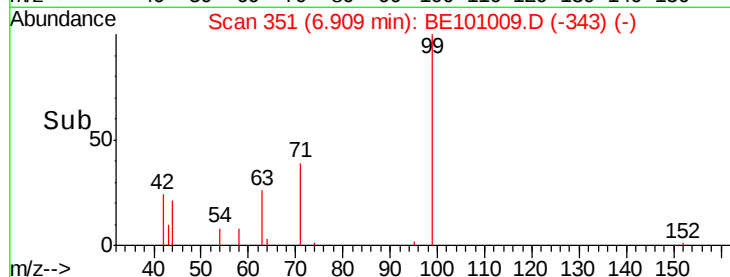
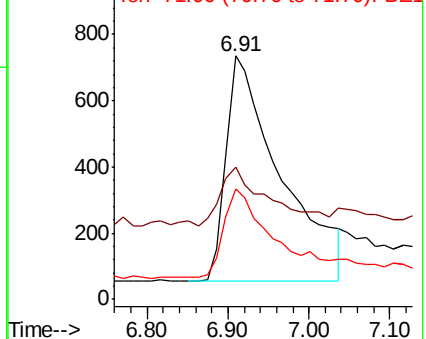
99 100

42 19.7 18.3 27.5

71 35.1 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: 0.338 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

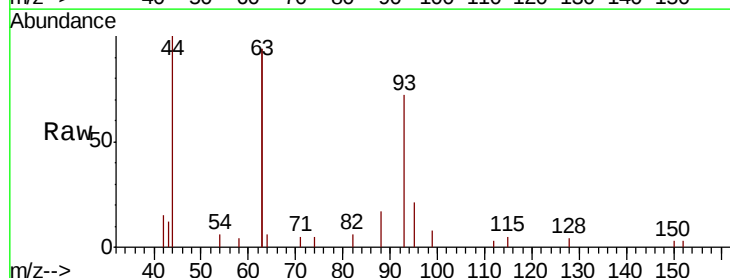
Tgt Ion: 93 Resp: 3703

Ion Ratio Lower Upper

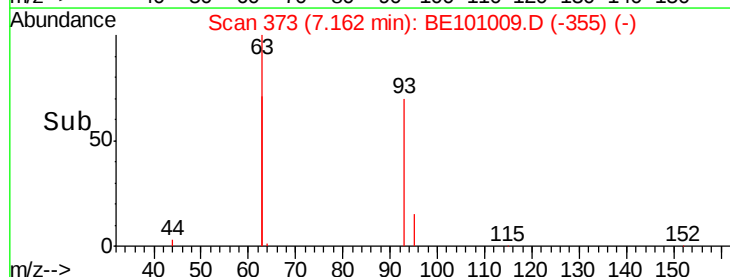
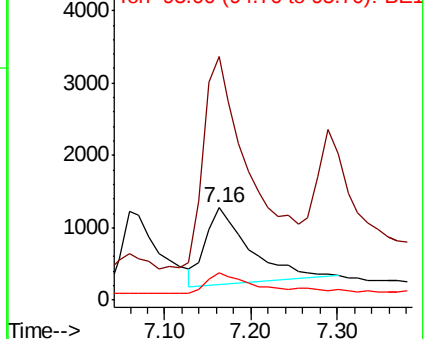
93 100

63 295.7 233.9 350.9

95 32.5 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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14448

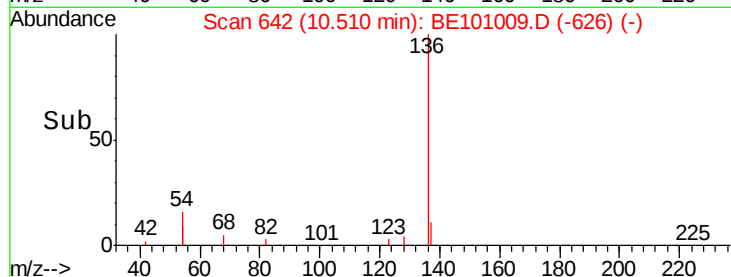
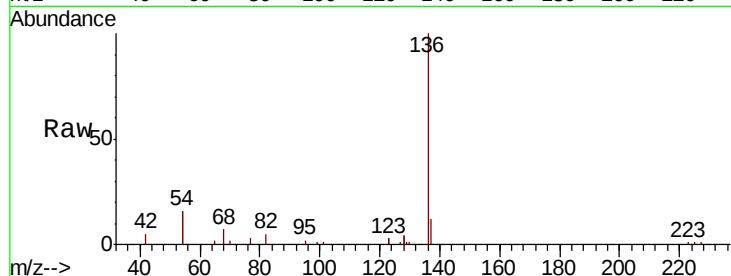
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 31.7 36.8 55.2#

68 7.0 8.4 12.6#

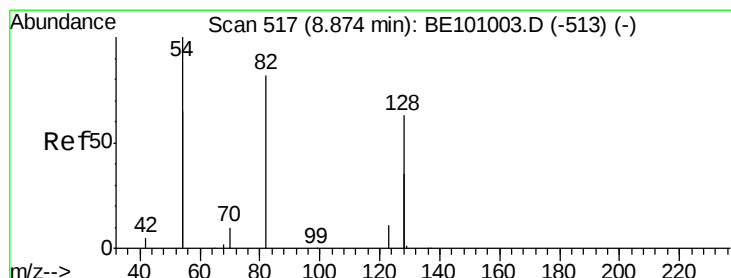
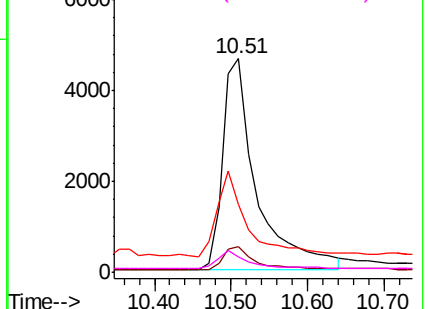


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

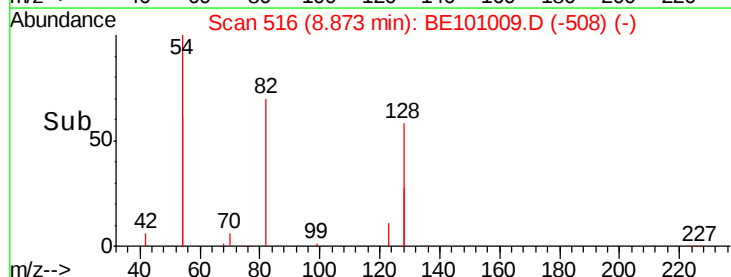
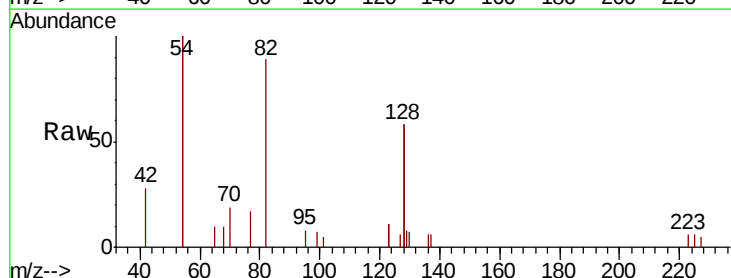
Tgt Ion: 82 Resp: 3447

Ion Ratio Lower Upper

82 100

128 130.0 109.8 164.6

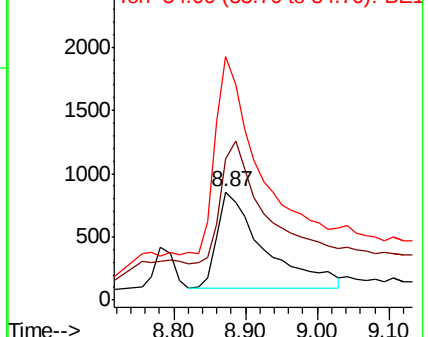
54 224.7 174.5 261.7

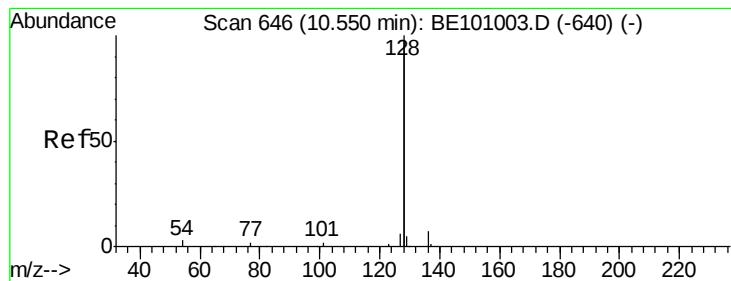


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.411 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

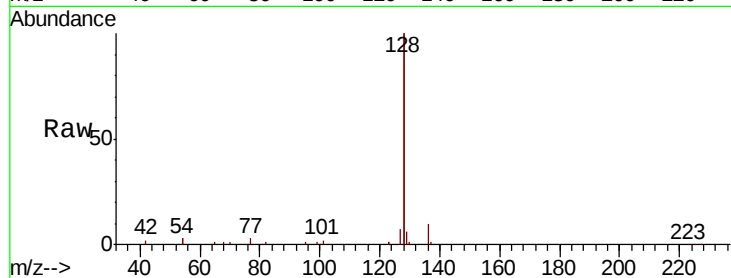
Tot Ion:128 Resp: 66009

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

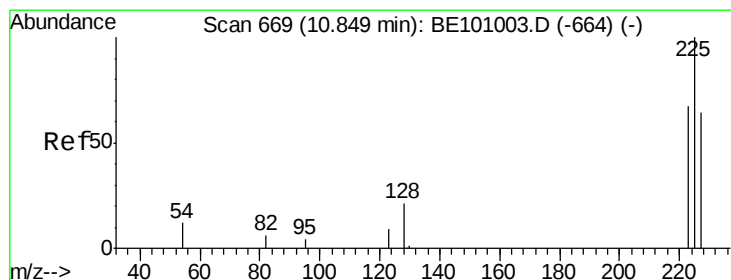
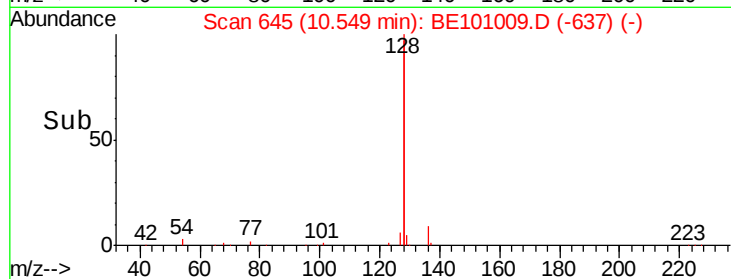
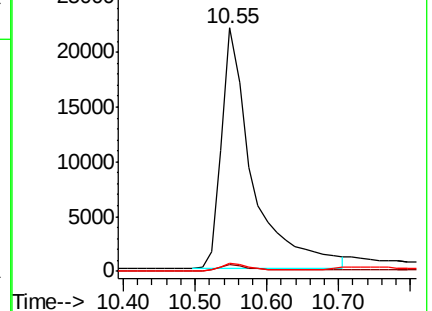
127 3.5 2.7 4.1



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: 0.427 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

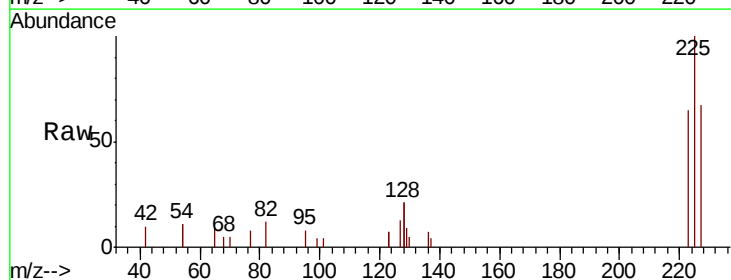
Tgt Ion:225 Resp: 2898

Ion Ratio Lower Upper

225 100

223 61.5 52.2 78.4

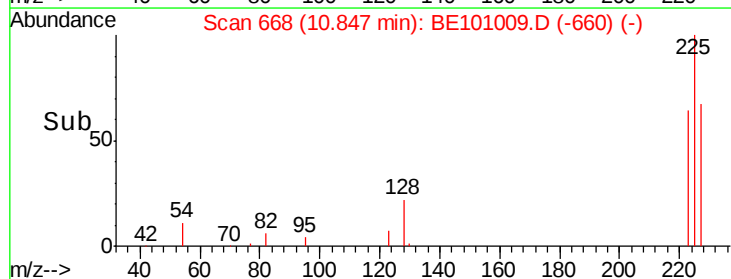
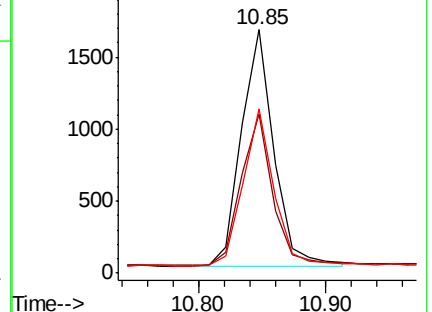
227 63.4 49.9 74.9



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

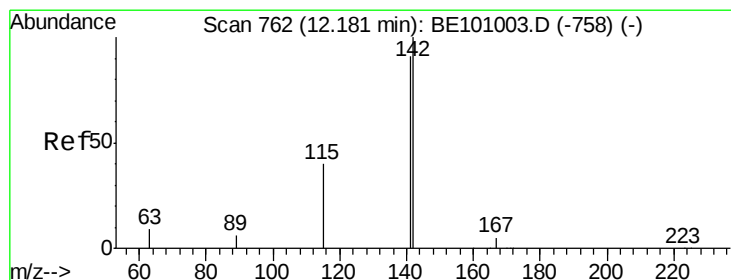
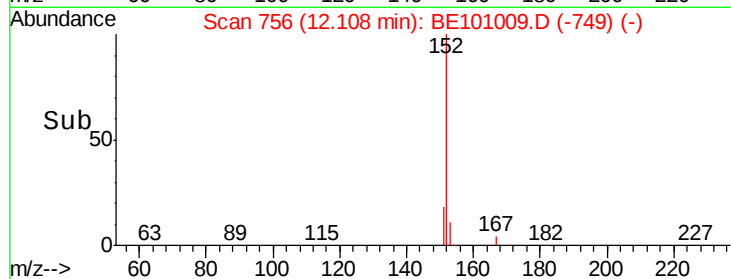
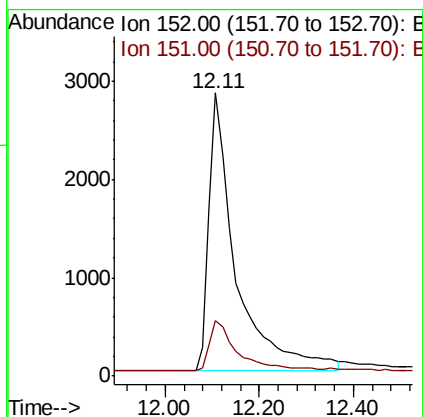
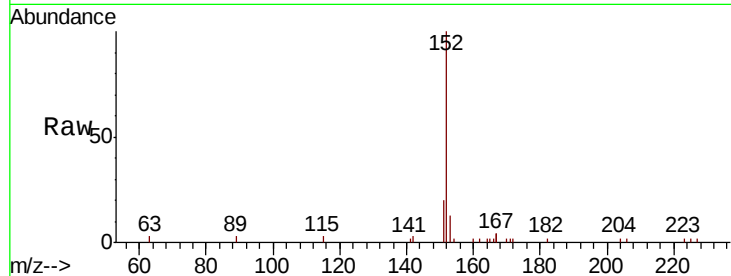




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

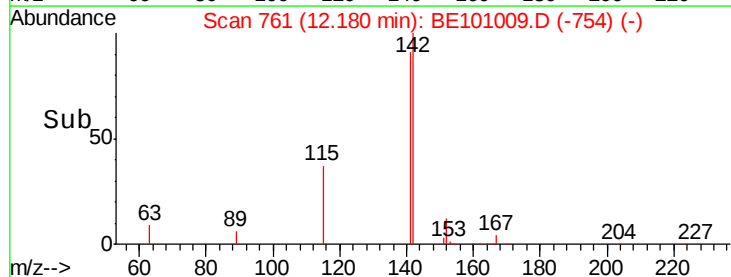
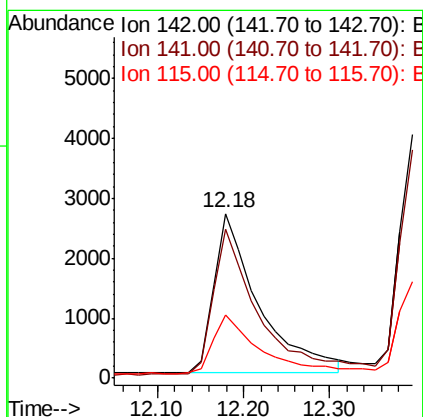
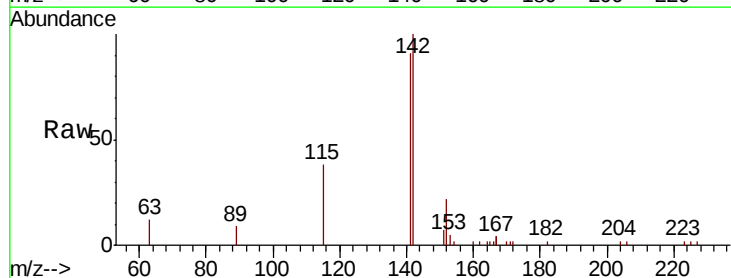
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 11201
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

Tgt Ion:142 Resp: 9608
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.5 108.7
 115 38.5 33.0 49.6

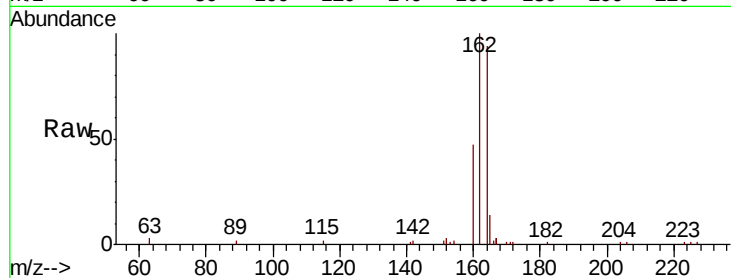




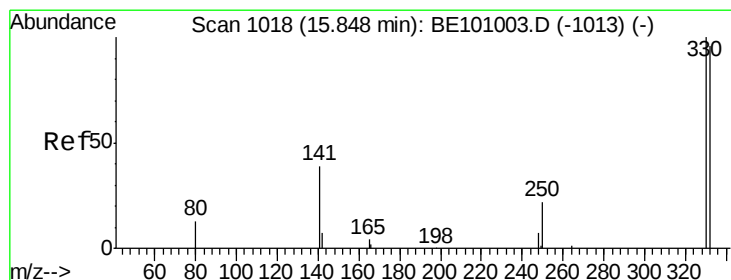
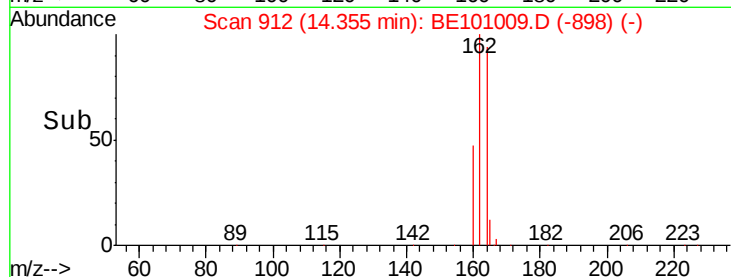
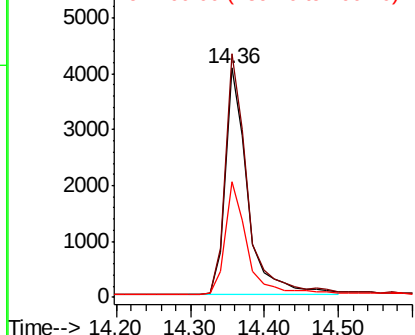
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8455
Ion Ratio Lower Upper
164 100
162 106.2 84.1 126.1
160 50.2 40.4 60.6

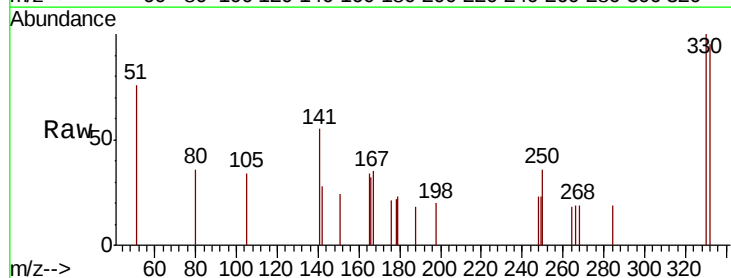


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

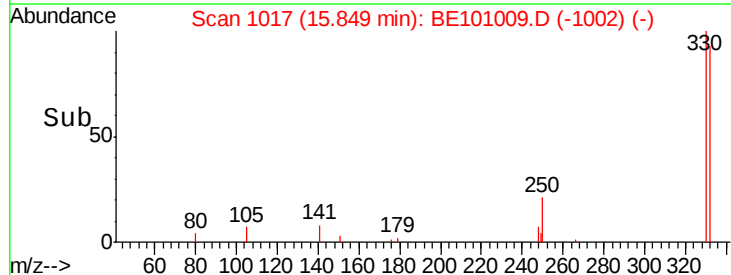
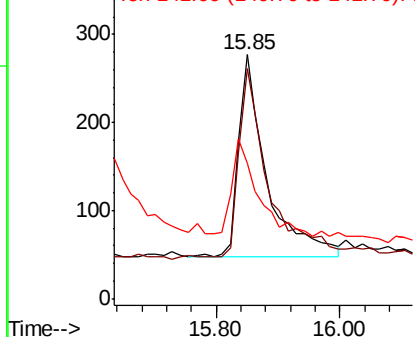


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Tgt Ion:330 Resp: 718
Ion Ratio Lower Upper
330 100
332 98.1 78.4 117.6
141 46.1 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

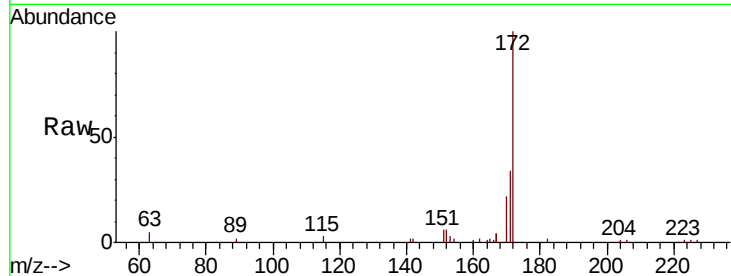




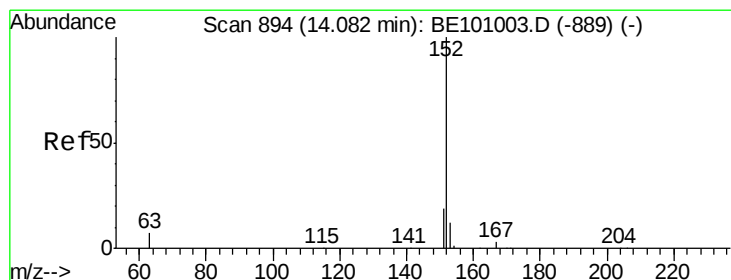
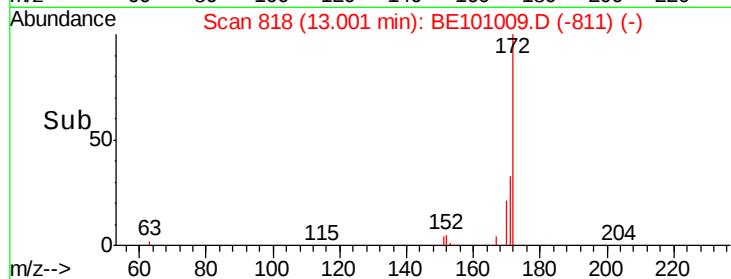
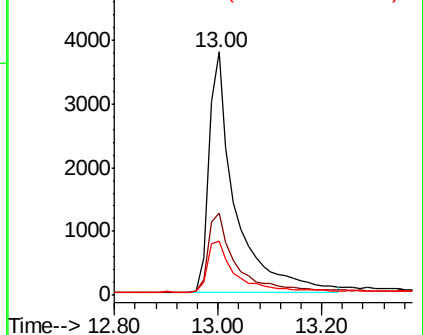
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 13268
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.2
170 22.0 18.9 28.3

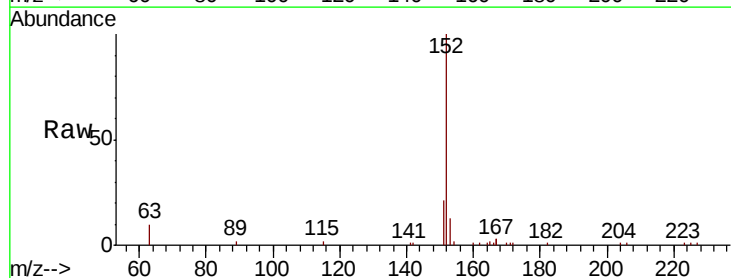


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

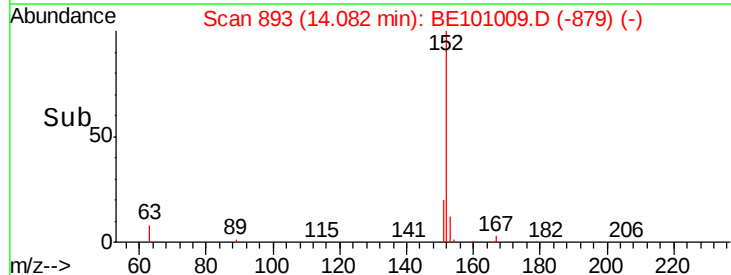
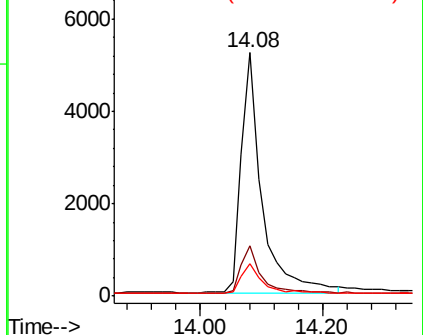


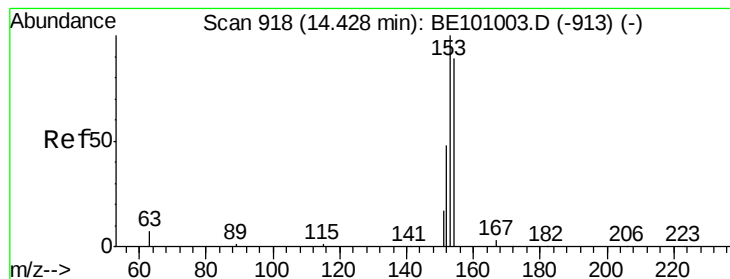
#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Tgt Ion:152 Resp: 12374
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 12.7 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: 0.399 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

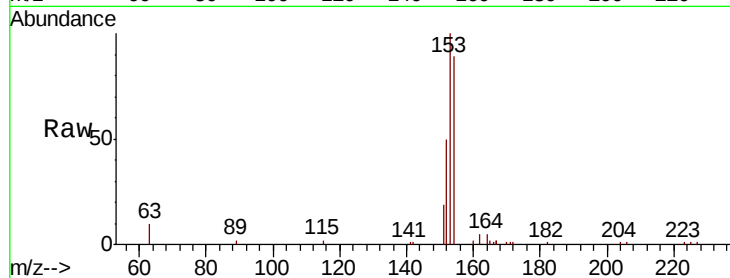
Tot Ion:154 Resp: 9826

Ion Ratio Lower Upper

154 100

153 115.2 93.6 140.4

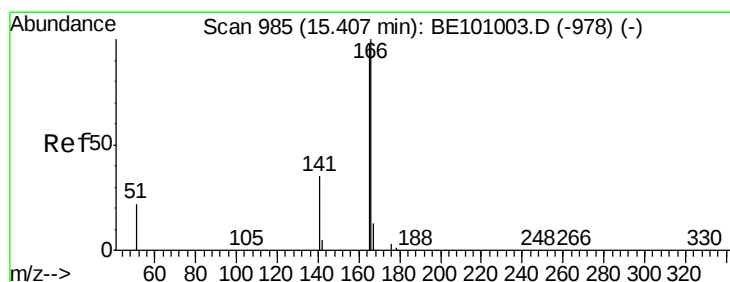
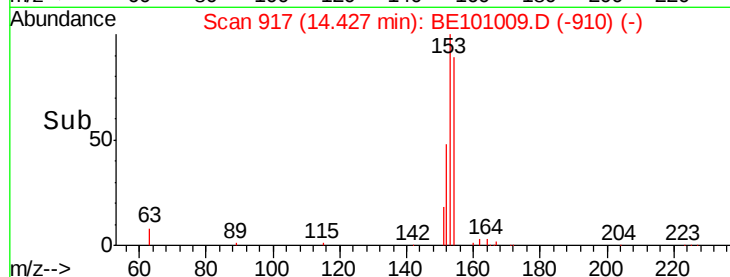
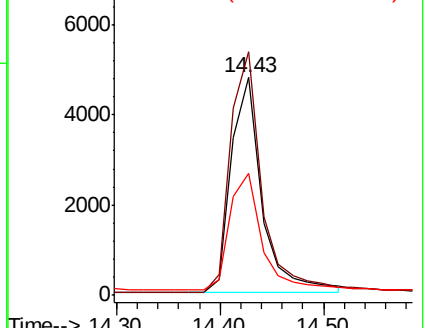
152 57.1 46.3 69.5



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: 0.393 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

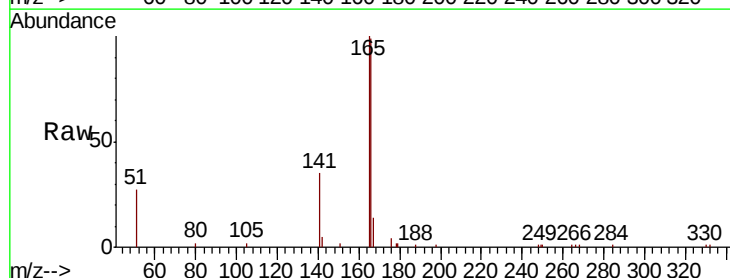
Tgt Ion:166 Resp: 12255

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

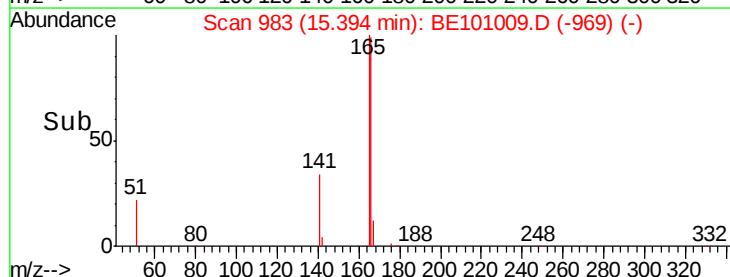
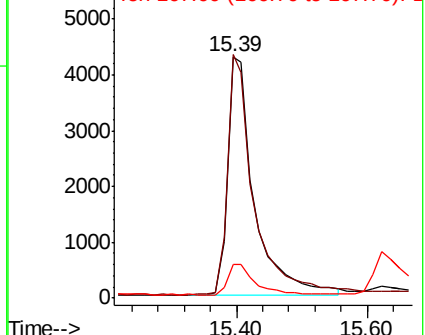
167 13.1 11.0 16.6



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: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

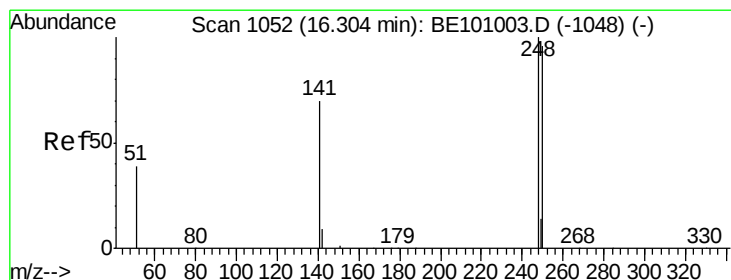
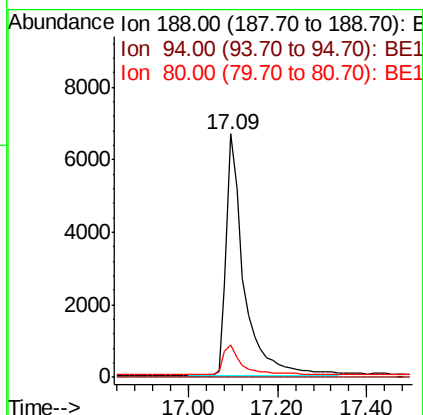
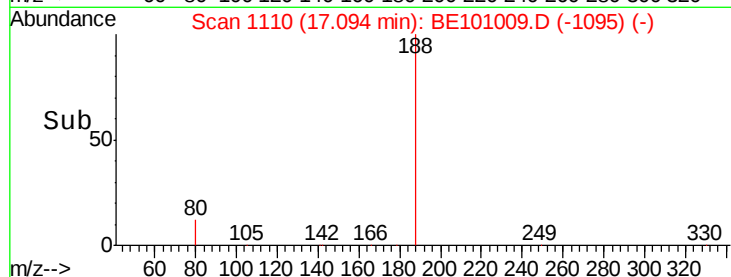
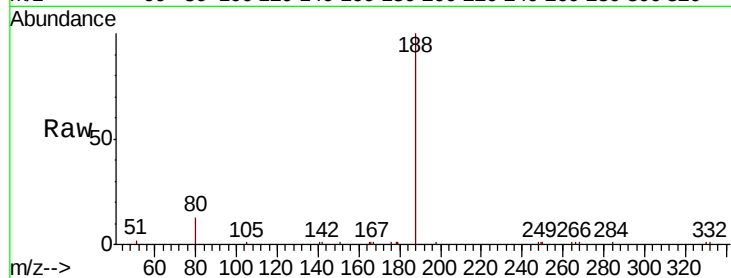
Tot Ion:188 Resp: 18637

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.385 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

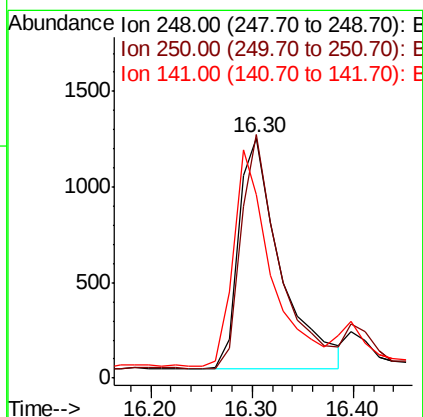
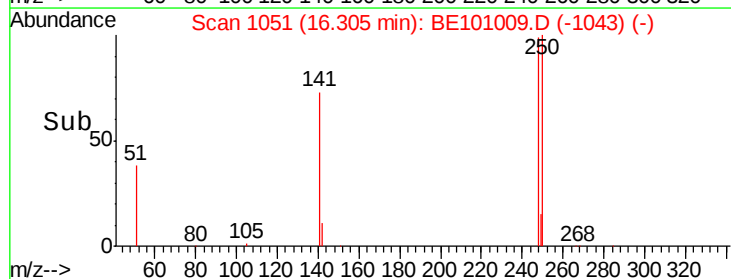
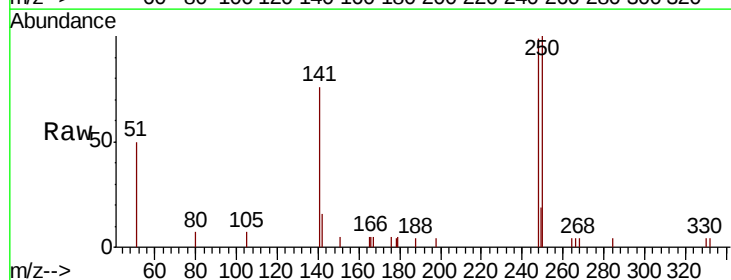
Tgt Ion:248 Resp: 3499

Ion Ratio Lower Upper

248 100

250 101.4 76.6 115.0

141 76.6 57.7 86.5





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

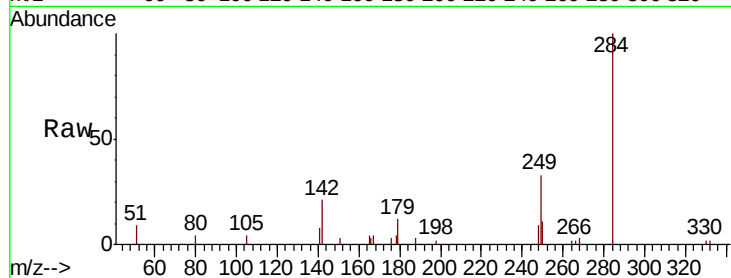
Instrument :

BNA_E

ClientSampleId :

Tot Ion:284 Resp: 4133

Ion	Ratio	Lower	Upper
284	100		
142	42.1	34.0	51.0
249	35.5	28.2	42.4

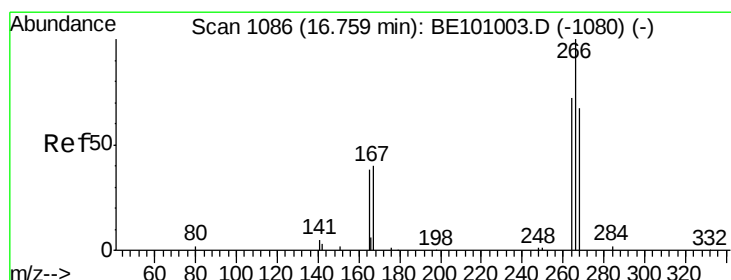
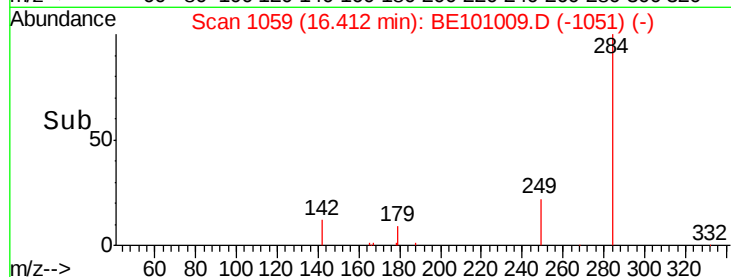
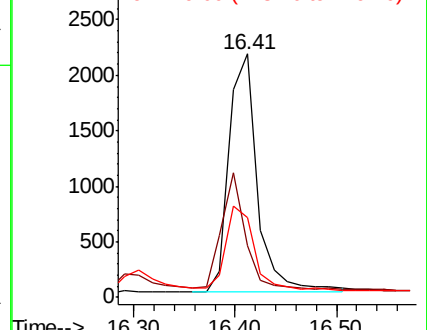


Abundance

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: 0.424 ng

RT: 16.76 min Scan# 1085

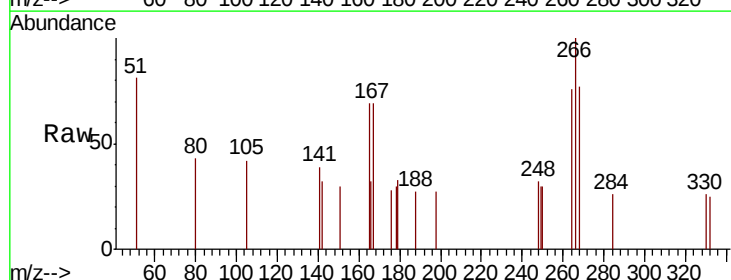
Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Tgt Ion:266 Resp: 607

Ion	Ratio	Lower	Upper
266	100		
264	76.0	61.0	91.4
268	77.1	58.5	87.7

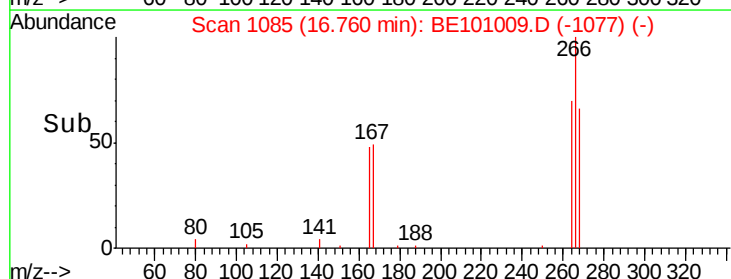
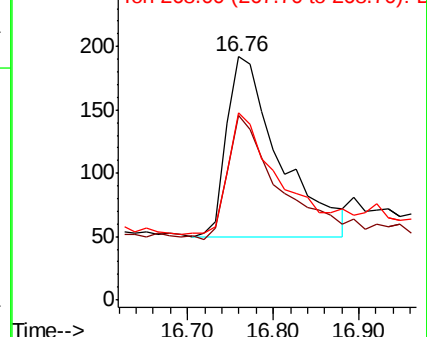


Abundance

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: 0.394 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

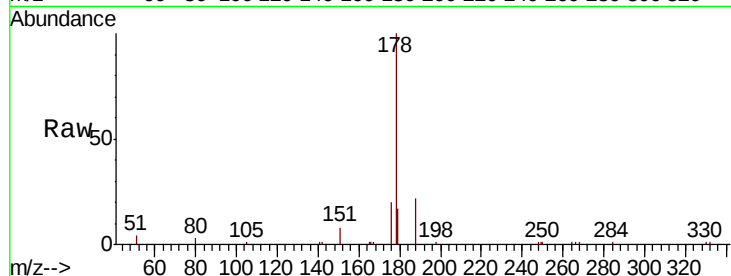
Tot Ion:178 Resp: 20042

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

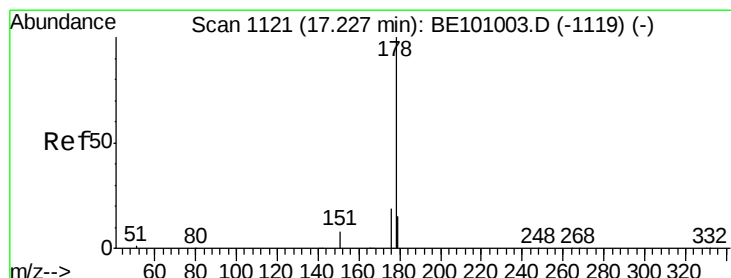
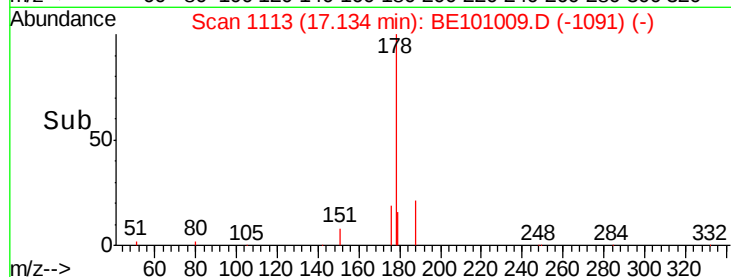
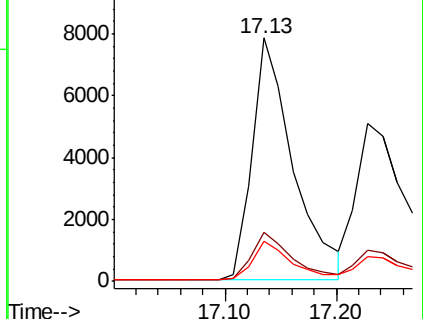
179 15.2 12.0 18.0



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: 0.380 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

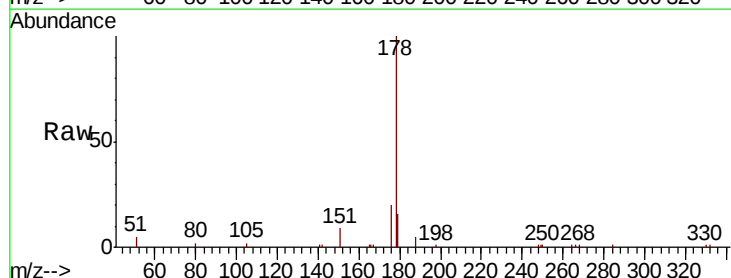
Tgt Ion:178 Resp: 18272

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

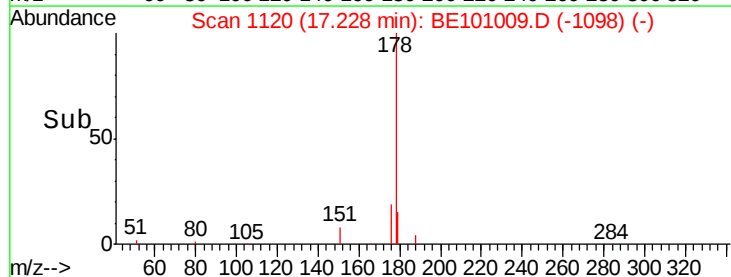
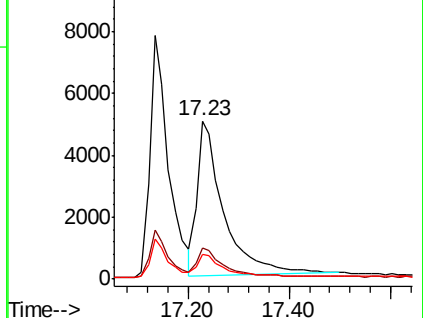
179 15.0 12.4 18.6

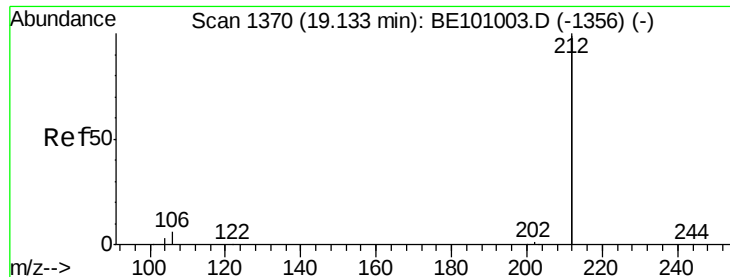


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

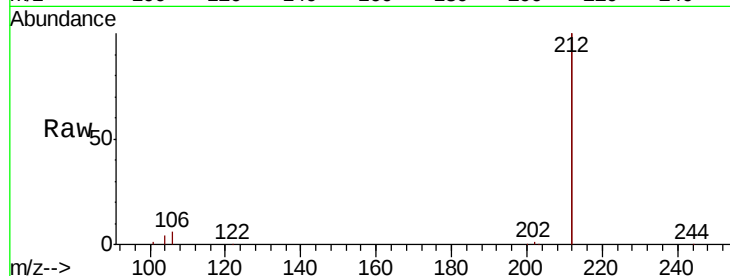
Tot Ion:212 Resp: 98904

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

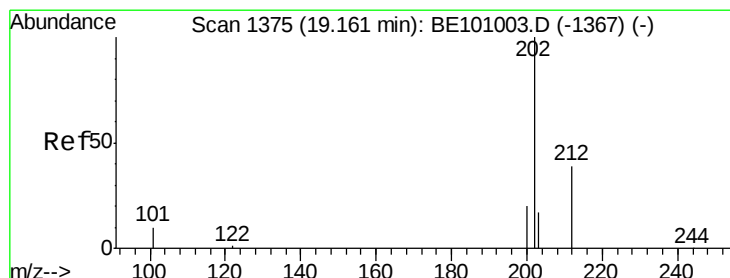
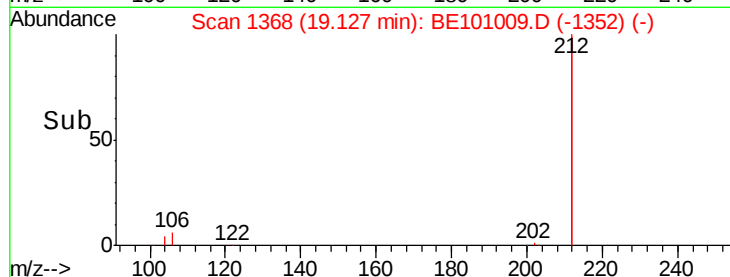
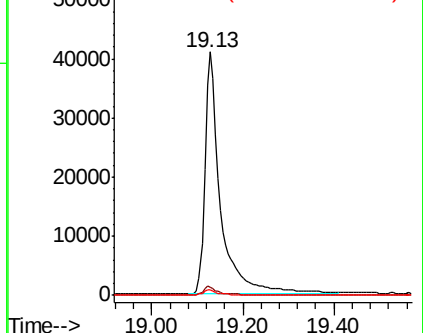
104 1.8 1.4 2.0



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: 0.380 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

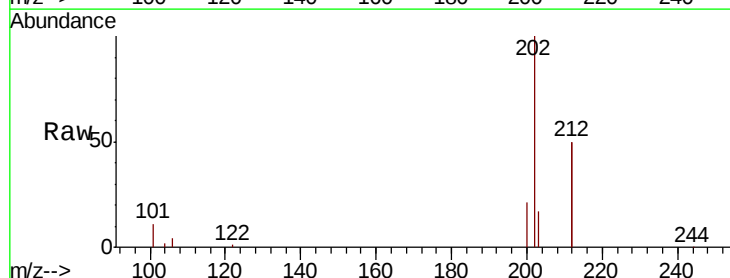
Tgt Ion:202 Resp: 24215

Ion Ratio Lower Upper

202 100

101 11.4 9.6 14.4

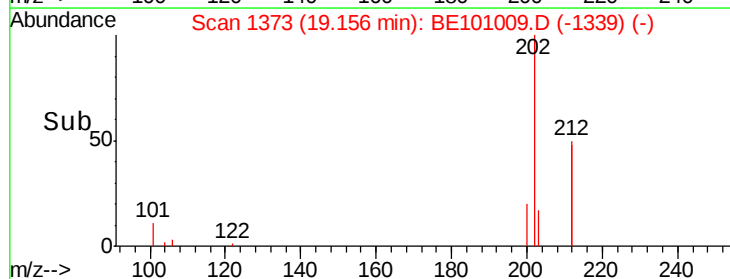
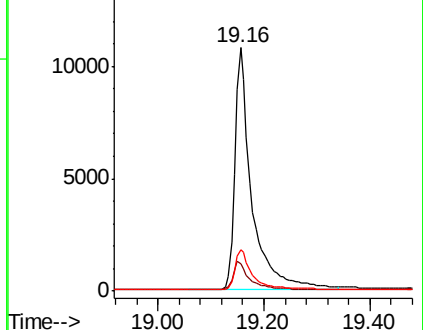
203 16.3 13.8 20.6



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

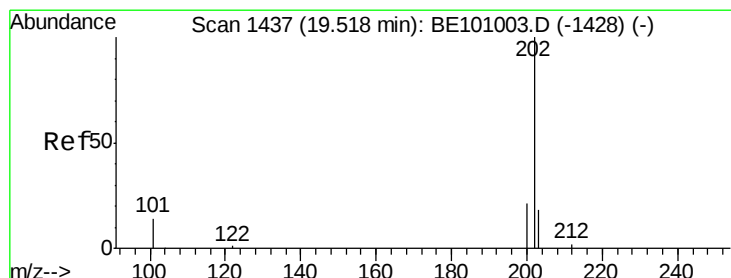
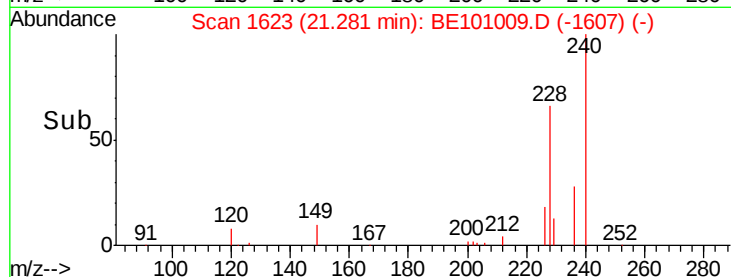
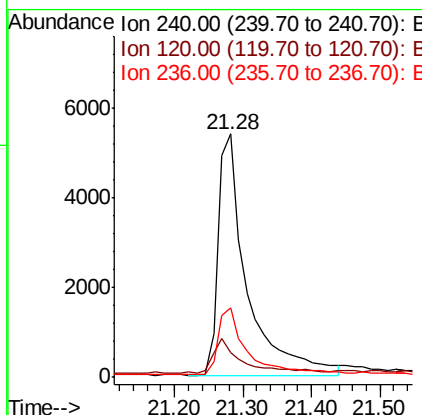
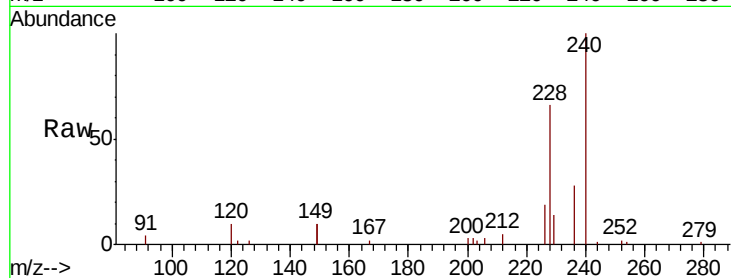




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

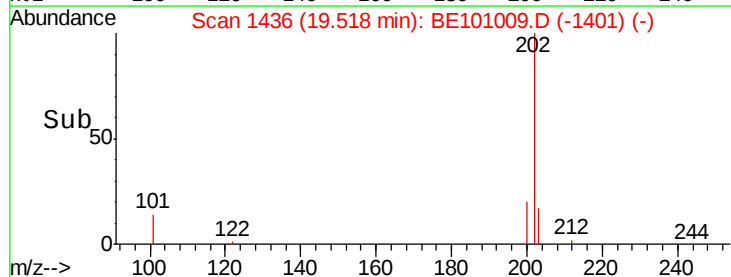
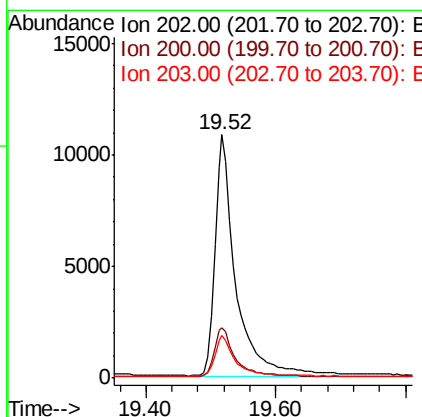
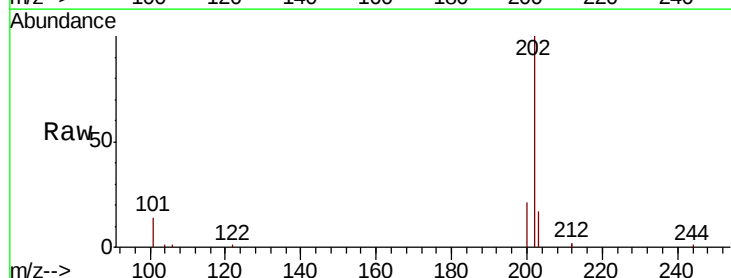
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 15703
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.6 13.0
 236 28.4 22.2 33.4



#28
 Pyrene
 Concen: 0.417 ng
 RT: 19.52 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

Tgt Ion:202 Resp: 24356
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 16.7 13.8 20.6





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

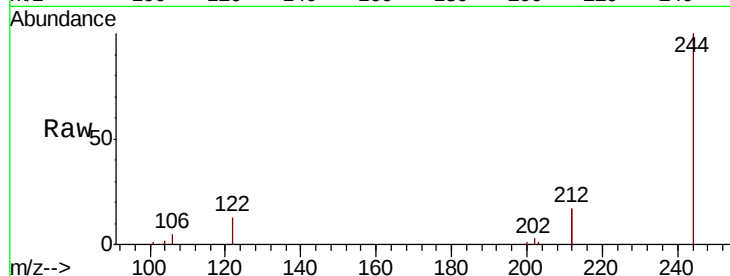
Tot Ion:244 Resp: 15642

Ion Ratio Lower Upper

244 100

212 34.7 27.2 40.8

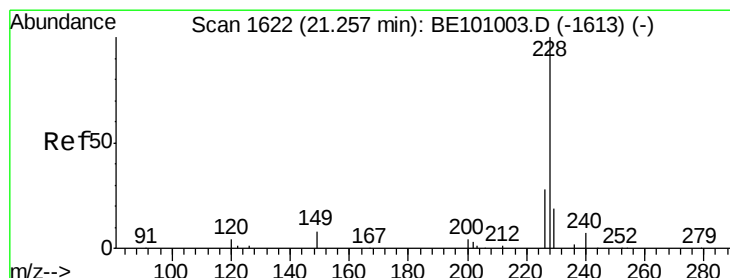
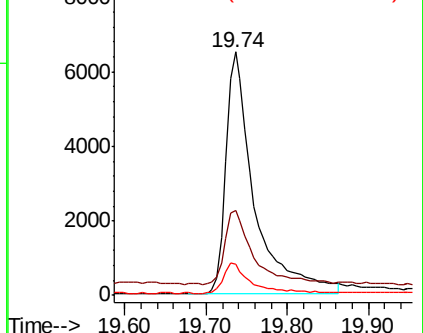
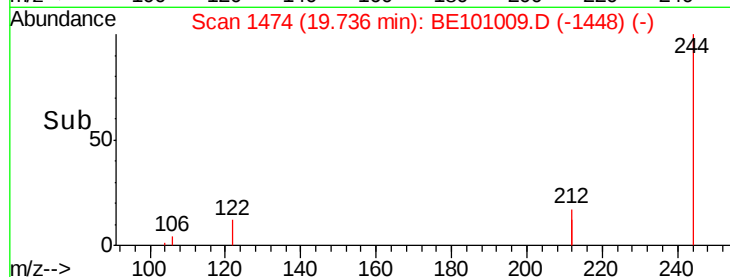
122 12.6 9.8 14.8



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: 0.323 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

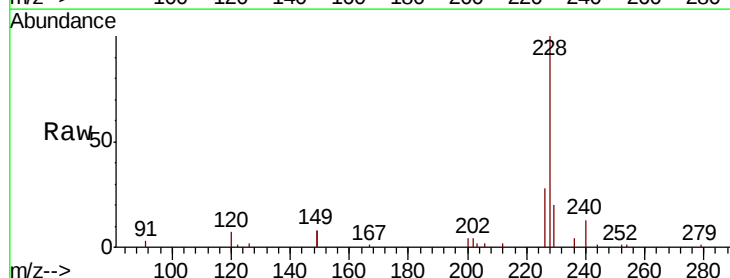
Tgt Ion:228 Resp: 14477

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

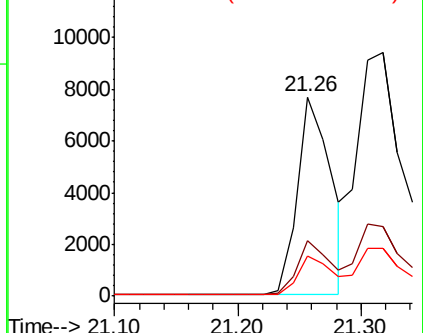
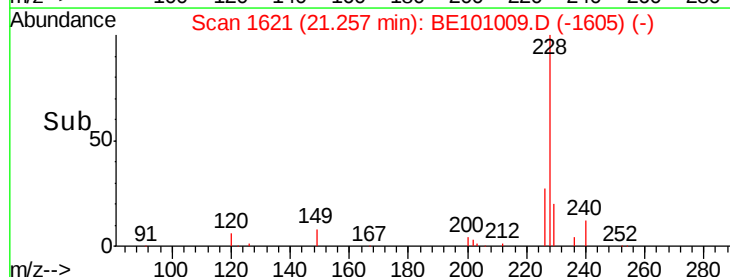
229 20.2 15.5 23.3



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: 0.462 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

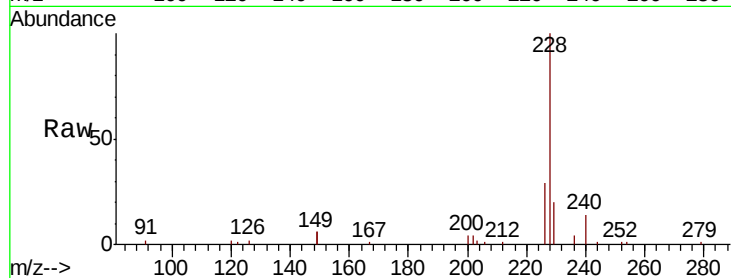
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 30797

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.5	35.3
229	19.7	16.7	25.1

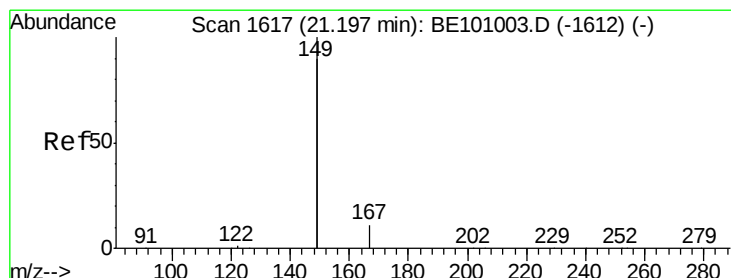
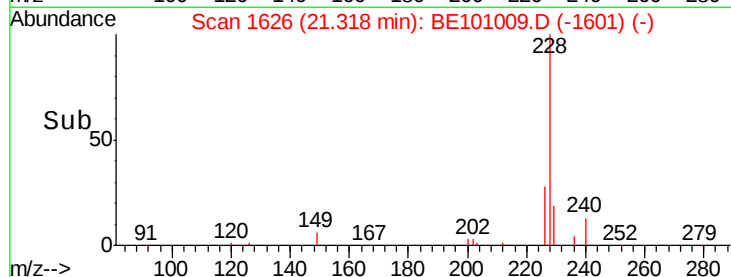
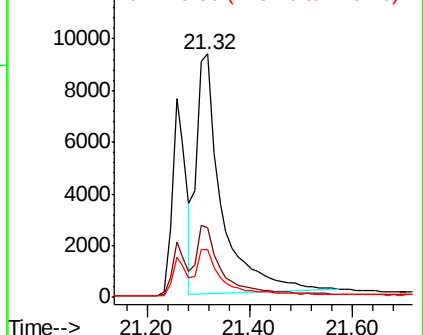


Abundance

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: 0.318 ng

RT: 21.20 min Scan# 1616

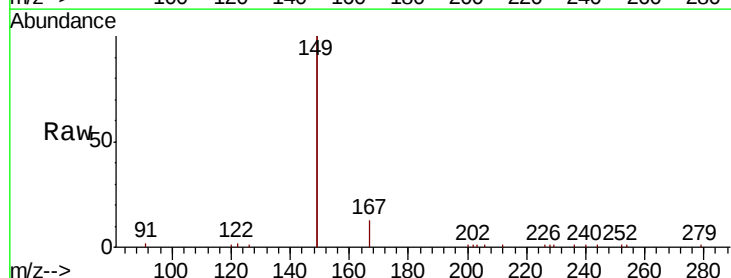
Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Tgt Ion:149 Resp: 23720

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.2	7.8
279	0.9	0.8	1.2

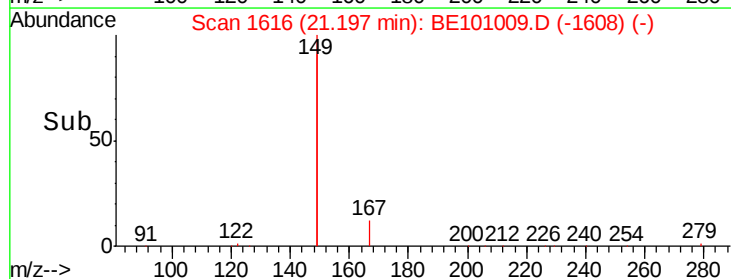
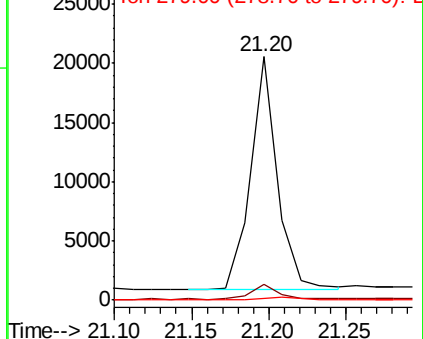


Abundance

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

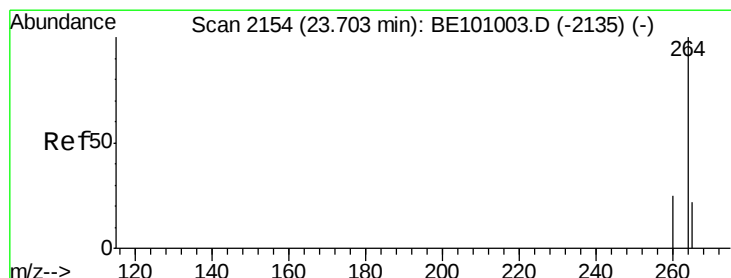
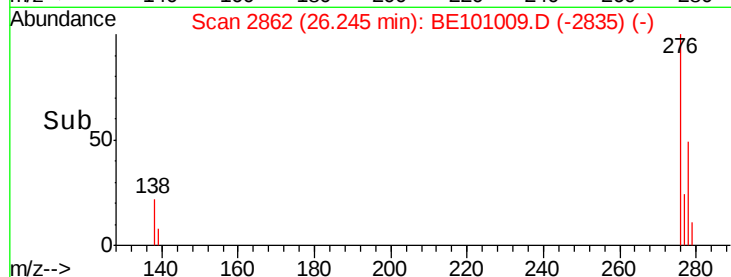
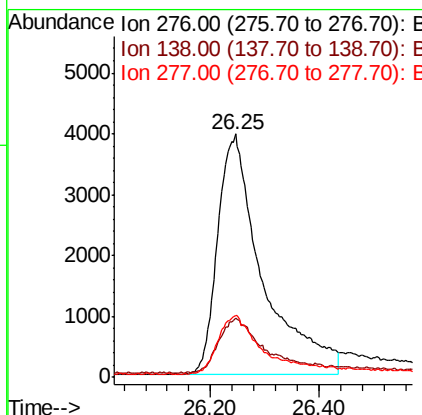
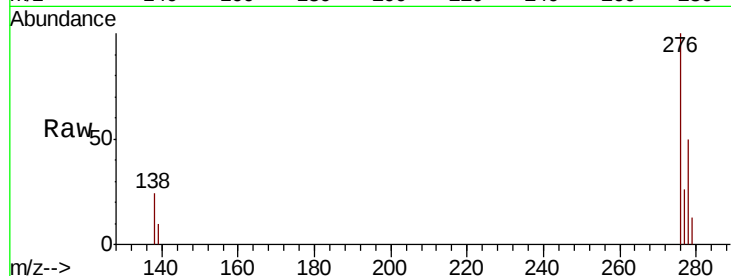




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.427 ng
 RT: 26.25 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE101009.D
 Acq: 9 Jan 2020 12:54

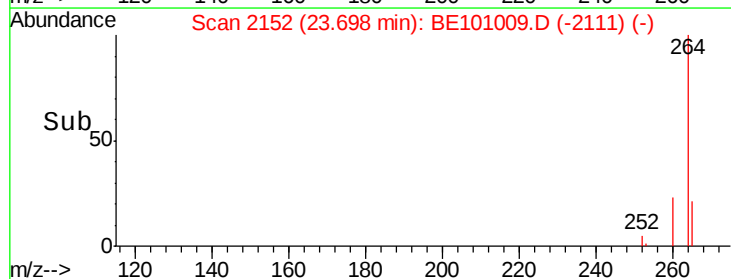
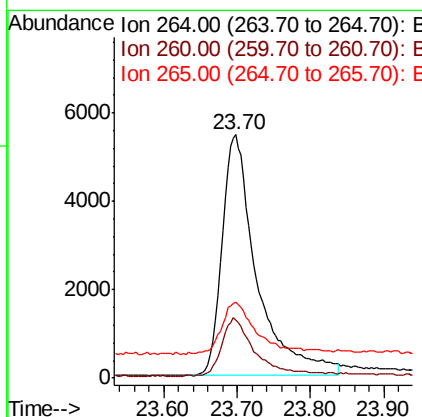
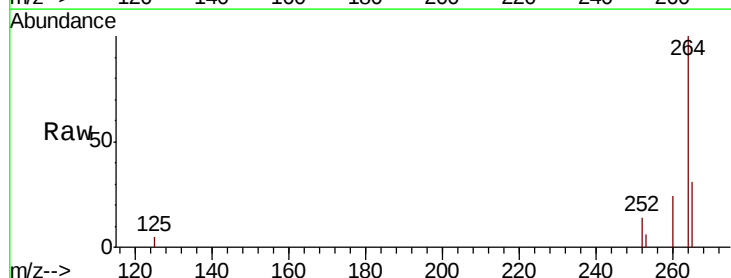
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 22470
 Ion Ratio Lower Upper
 276 100
 138 19.0 16.1 24.1
 277 23.3 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: BE101009.D
 Acq: 9 Jan 2020 12:54

Tgt Ion:264 Resp: 18144
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.3 30.5
 265 31.2 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.332 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :

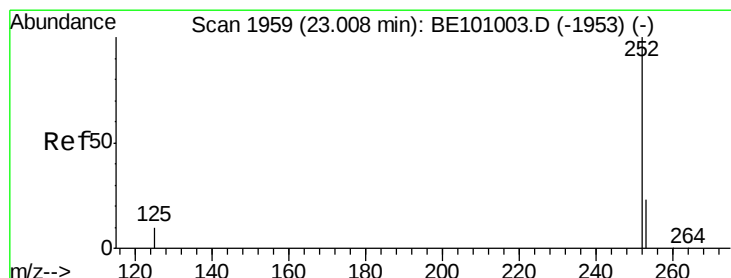
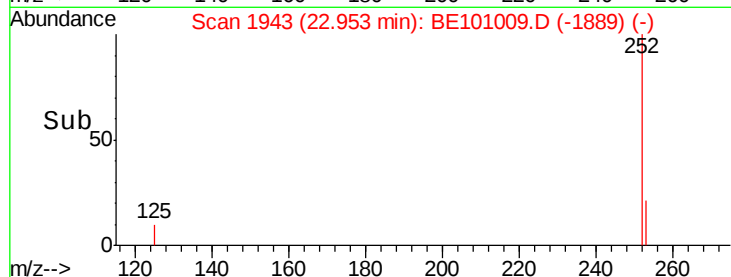
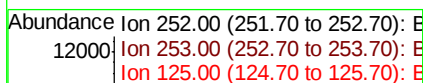
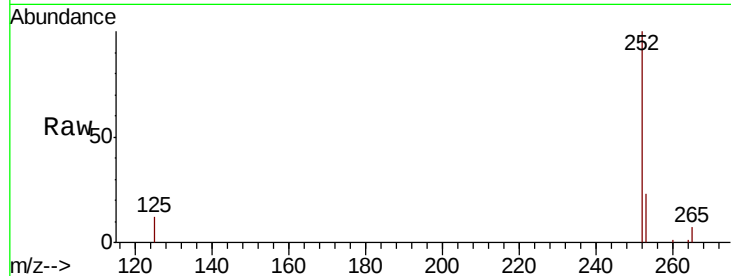
Tot Ion:252 Resp: 16874

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

125 12.1 9.5 14.3



#36

Benzo(k)fluoranthene

Concen: 0.341 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

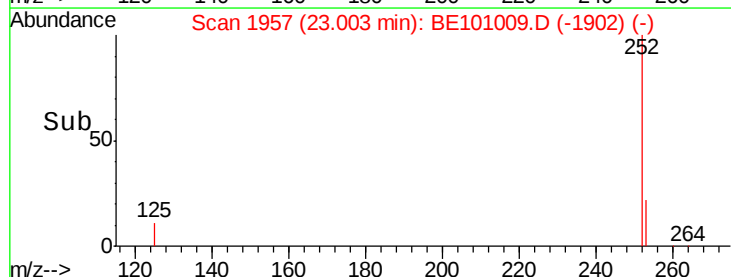
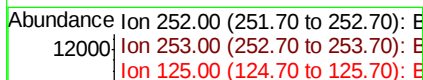
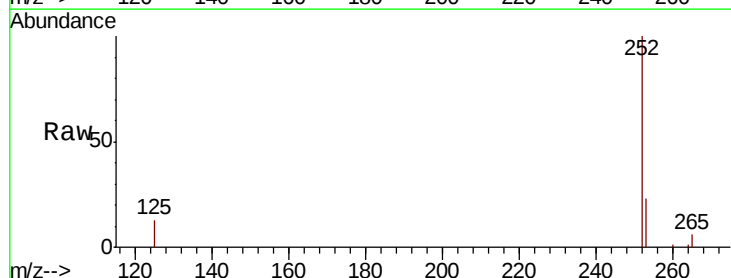
Tgt Ion:252 Resp: 25135

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

125 12.7 10.1 15.1

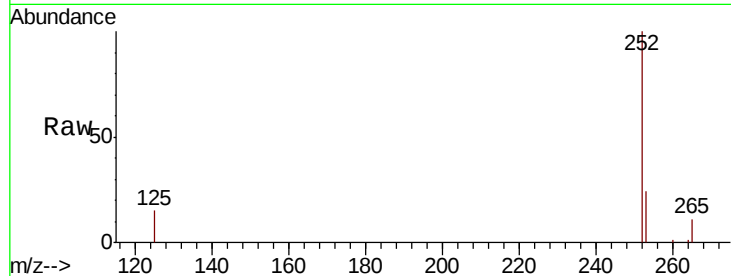




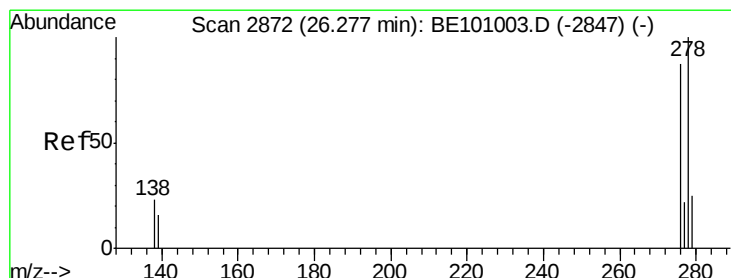
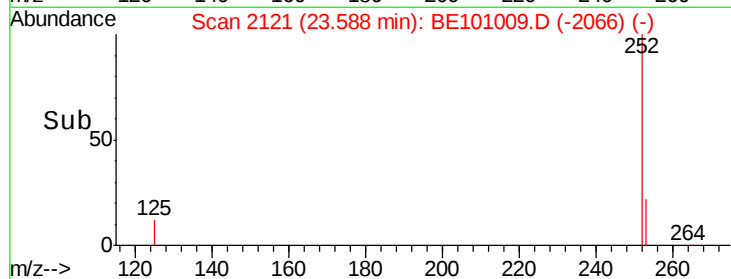
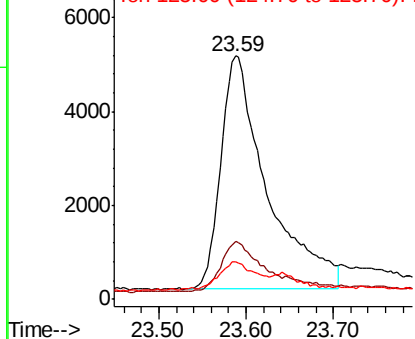
#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.59 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 18319
Ion Ratio Lower Upper
252 100
253 23.9 19.4 29.2
125 15.2 11.8 17.6

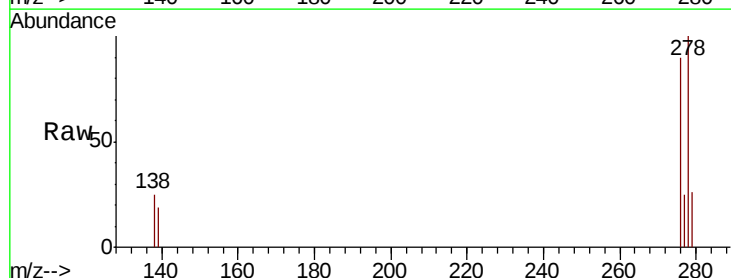


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

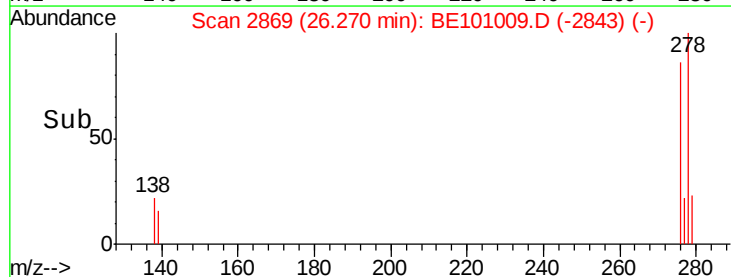
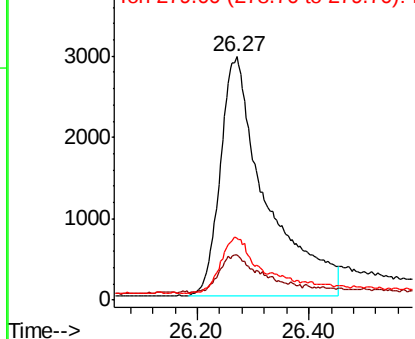


#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.27 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE101009.D
Acq: 9 Jan 2020 12:54

Tgt Ion:278 Resp: 16712
Ion Ratio Lower Upper
278 100
139 18.8 15.0 22.4
279 25.6 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: 0.363 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.02 min

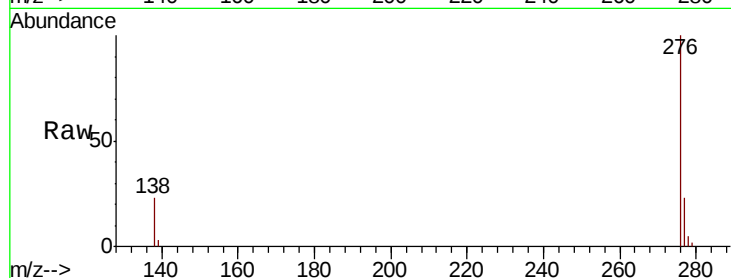
Lab File: BE101009.D

Acq: 9 Jan 2020 12:54

Instrument :

BNA_E

ClientSampleId :



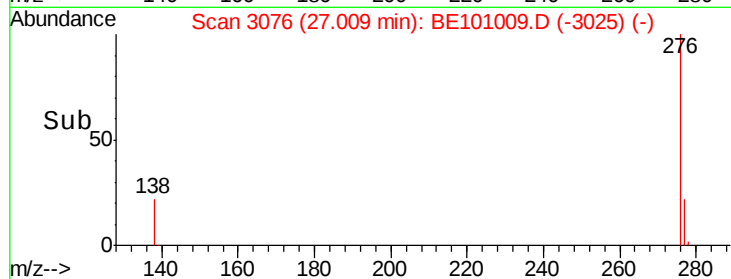
Tot Ion: 276 Resp: 20196

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 23.4 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

