

Data File : BE101060.D
Acq On : 15 Jan 2020 16:23
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 16 04:13:46 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	7.72	152	3060	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	13102	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7232	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15142	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14287	0.40	ng	-0.01
34) Perylene-d12	23.69	264	19623	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3440	0.50	ng	-0.01
5) Phenol-d6	6.91	99	4056	0.47	ng	-0.01
8) Nitrobenzene-d5	8.87	82	4209	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	9725	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	860	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	11272	0.41	ng	-0.02
25) Fluoranthene-d10	19.12	212	81920	0.39	ng	-0.01
29) Terphenyl-d14	19.73	244	13256	0.38	ng	0.00

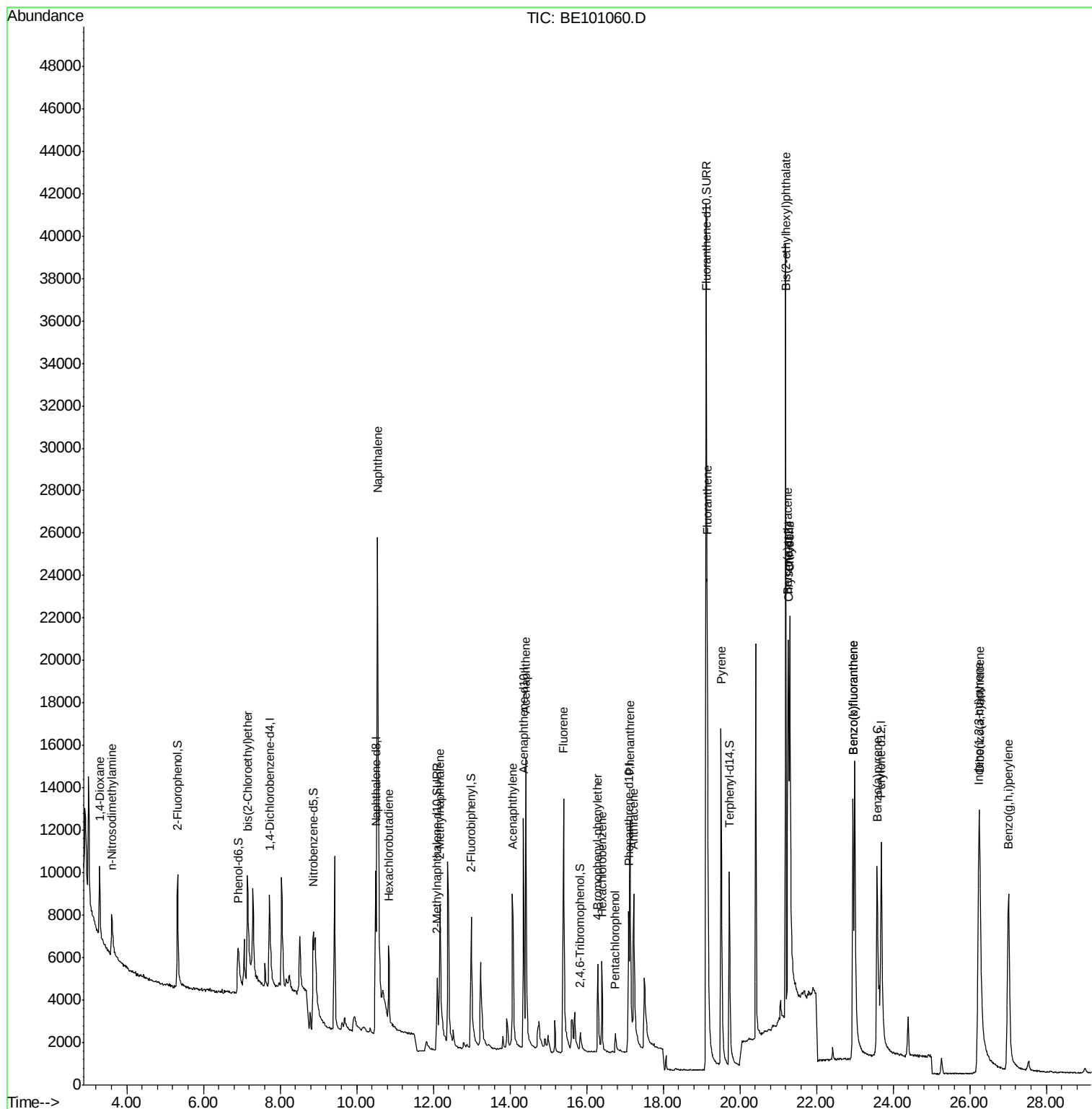
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	3143	0.437	ng	98
3) n-Nitrosodimethylamine	3.60	42	1947	0.458	ng	# 89
6) bis(2-Chloroethyl)ether	7.15	93	3909	0.377	ng	94
9) Naphthalene	10.55	128	59691	0.410	ng	100
10) Hexachlorobutadiene	10.83	225	2590	0.420	ng	98
12) 2-Methylnaphthalene	12.17	142	8390	0.381	ng	97
16) Acenaphthylene	14.07	152	12514	0.425	ng	99
17) Acenaphthene	14.41	154	8620	0.409	ng	97
18) Fluorene	15.39	166	10310	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	3016	0.408	ng	# 90
21) Hexachlorobenzene	16.40	284	3439	0.424	ng	95
22) Pentachlorophenol	16.75	266	832	0.543	ng	98
23) Phenanthrene	17.13	178	15811	0.382	ng	99
24) Anthracene	17.23	178	16276	0.417	ng	97
26) Fluoranthene	19.15	202	19690	0.380	ng	100
28) Pyrene	19.51	202	20893	0.393	ng	100
30) Benzo(a)anthracene	21.26	228	16612	0.407	ng	98
31) Chrysene	21.30	228	26080	0.430	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	38213	0.563	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	26146	0.546	ng	# 91
35) Benzo(b)fluoranthene	22.95	252	18767	0.341	ng	98
36) Benzo(k)fluoranthene	22.95	252	18767	0.235	ng	100
37) Benzo(a)pyrene	23.58	252	21629	0.406	ng	97
38) Dibenzo(a,h)anthracene	26.26	278	19432	0.397	ng	96
39) Benzo(g,h,i)perylene	27.01	276	24213	0.402	ng	98

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

Data File : BE101060.D
Acq On : 15 Jan 2020 16:23
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 16 04:13:46 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: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

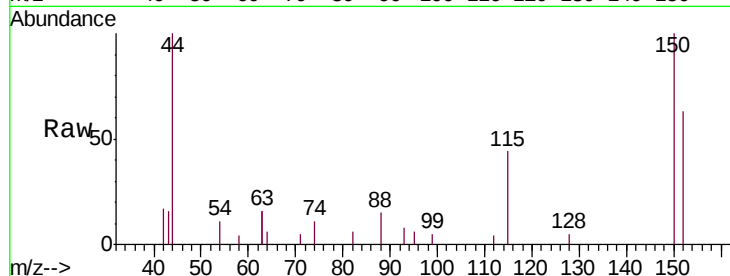
Tgt Ion:152 Resp: 3060

Ion Ratio Lower Upper

152 100

150 158.2 120.3 180.5

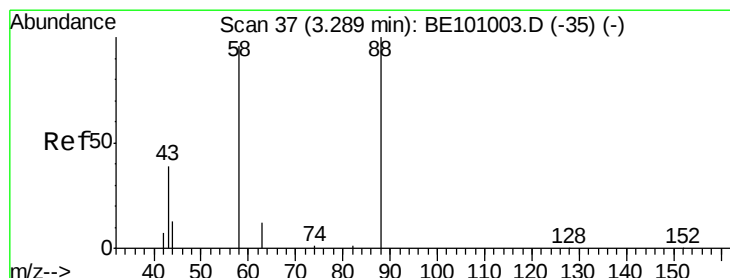
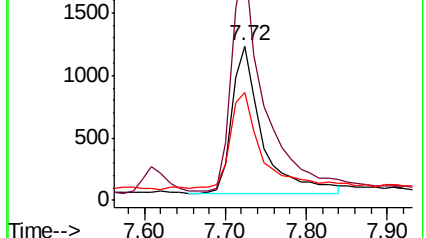
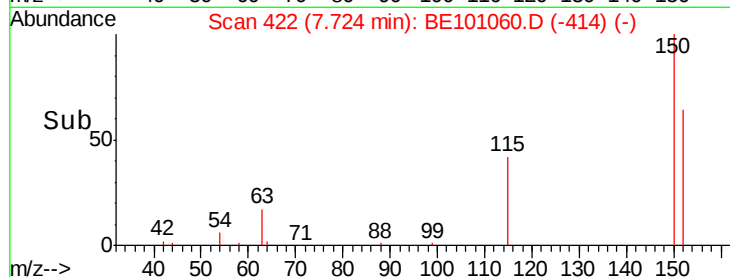
115 70.2 51.7 77.5



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: 0.437 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

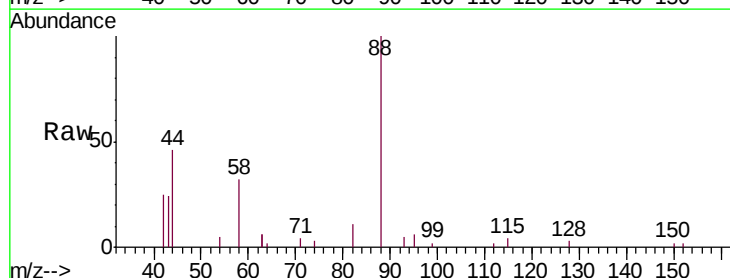
Tgt Ion: 88 Resp: 3143

Ion Ratio Lower Upper

88 100

58 65.3 53.0 79.4

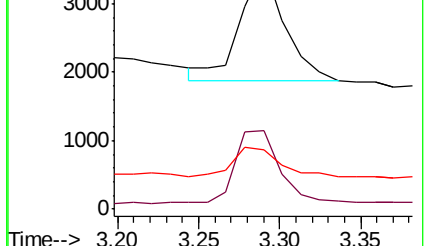
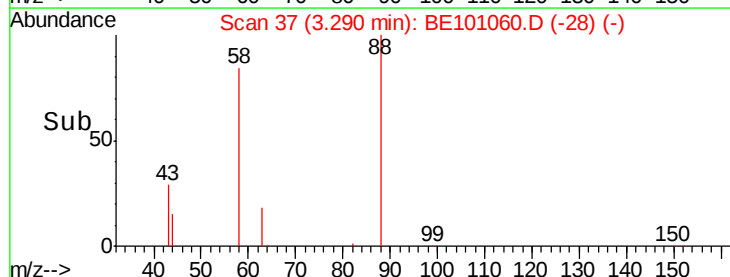
43 27.1 23.4 35.2



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: 0.458 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

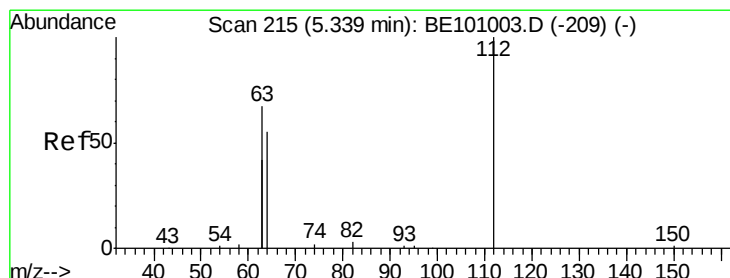
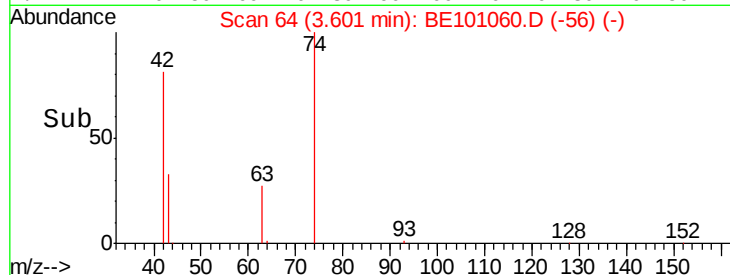
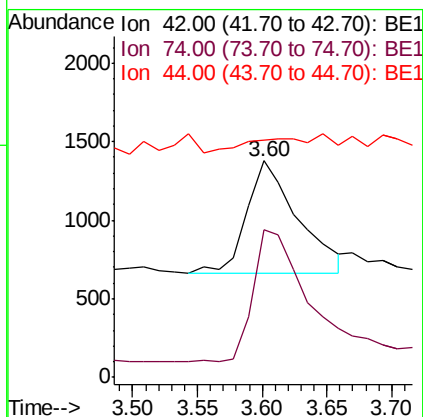
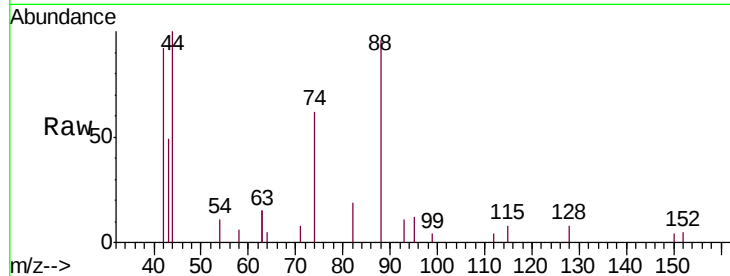
Tgt Ion: 42 Resp: 1947

Ion Ratio Lower Upper

42 100

74 121.8 105.7 158.5

44 0.0 10.0 15.0#



#4

2-Fluorophenol

Concen: 0.499 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

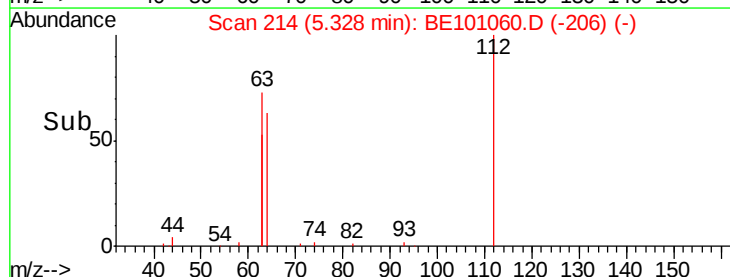
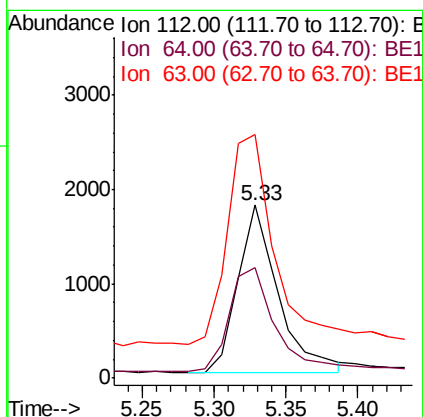
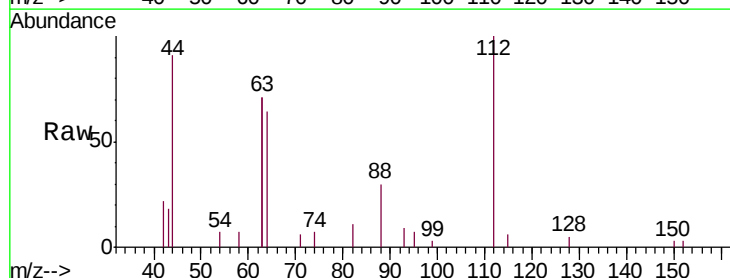
Tgt Ion: 112 Resp: 3440

Ion Ratio Lower Upper

112 100

64 69.6 53.6 80.4

63 144.0 114.6 172.0





#5

Phenol-d6

Concen: 0.465 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

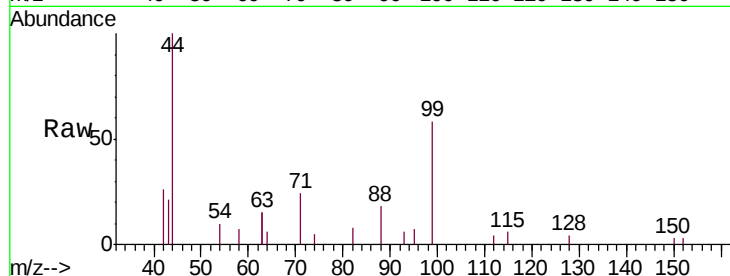
Tgt Ion: 99 Resp: 4056

Ion Ratio Lower Upper

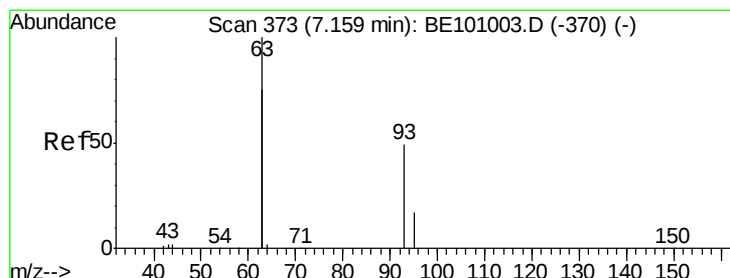
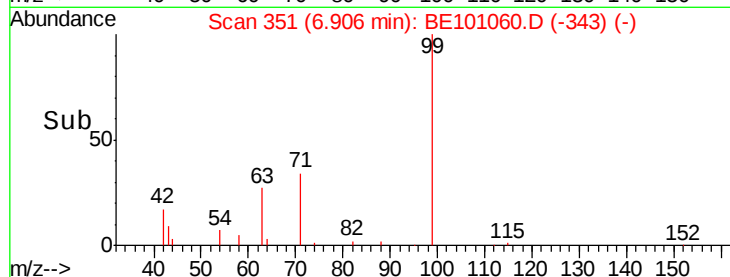
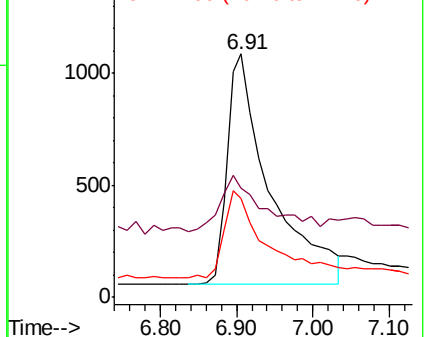
99 100

42 24.8 18.3 27.5

71 37.7 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: 0.377 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

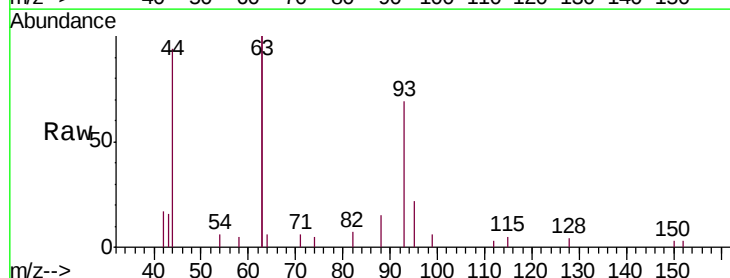
Tgt Ion: 93 Resp: 3909

Ion Ratio Lower Upper

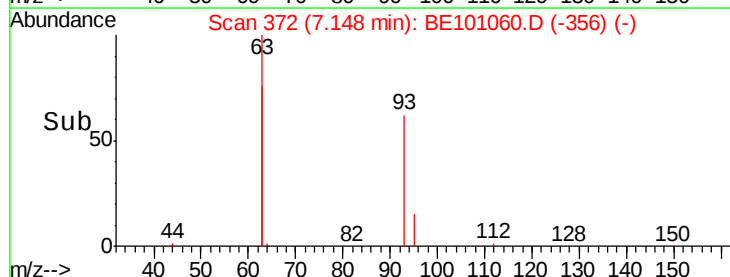
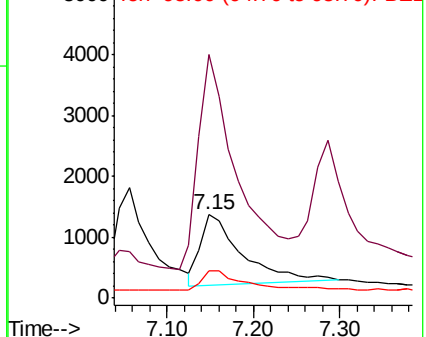
93 100

63 279.9 233.9 350.9

95 30.7 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: BE101060.D

Acq: 15 Jan 2020 16:23

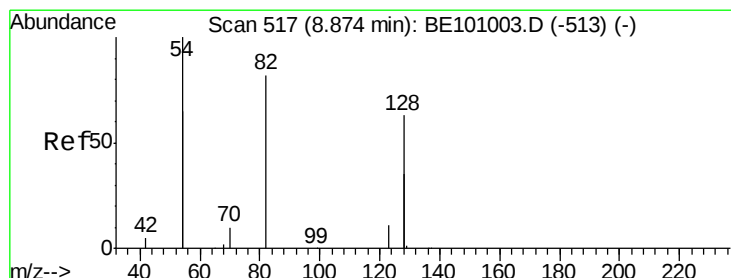
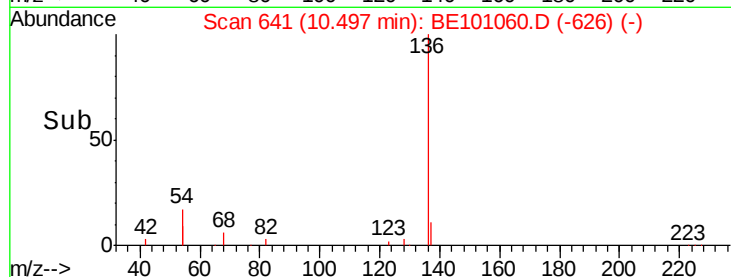
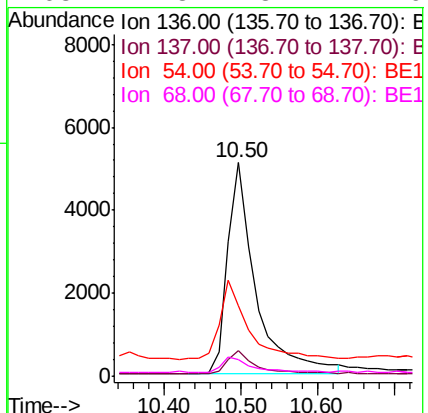
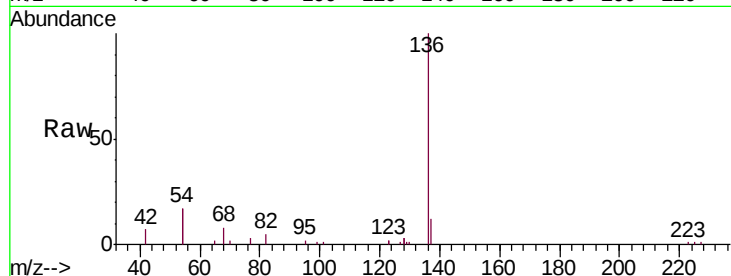
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	13102
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	33.0	36.8	55.2#
68	7.8	8.4	12.6#



#8

Nitrobenzene-d5

Concen: 0.449 ng

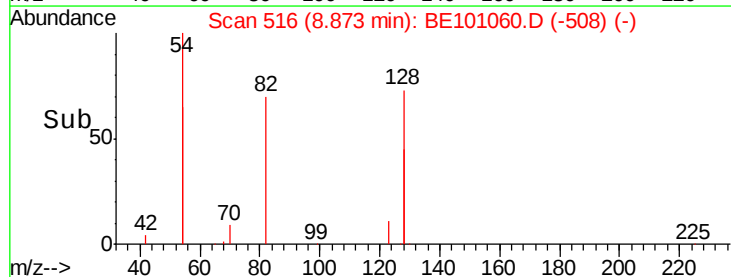
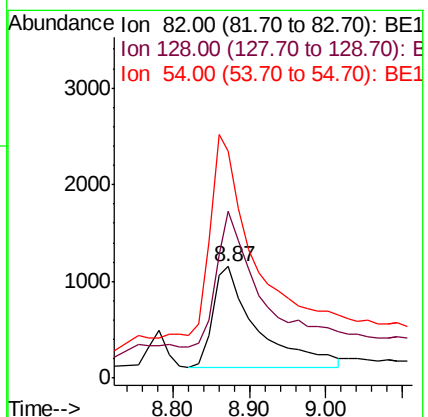
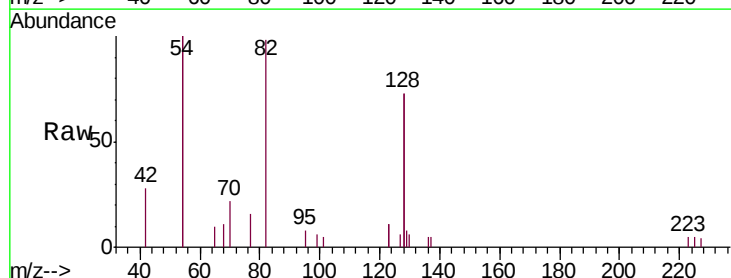
RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Tgt Ion:	82	Resp:	4209
Ion	Ratio	Lower	Upper
82	100		
128	149.6	109.8	164.6
54	203.6	174.5	261.7





#9

Naphthalene

Concen: 0.410 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

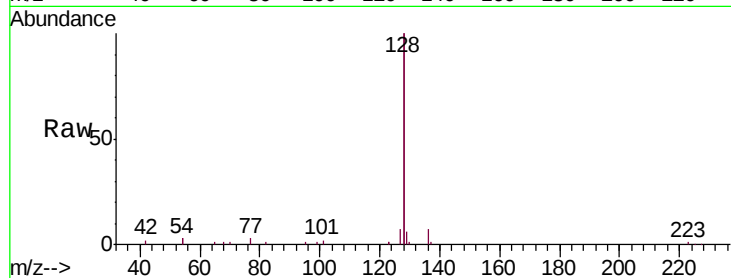
Tgt Ion:128 Resp: 59691

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

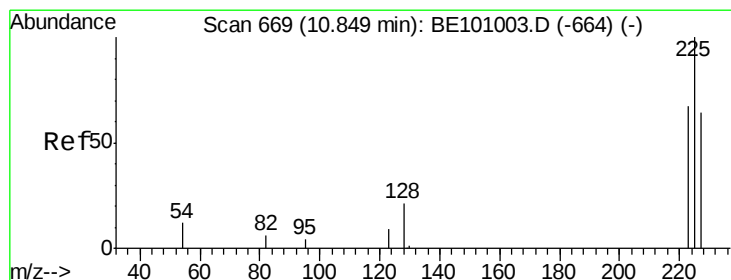
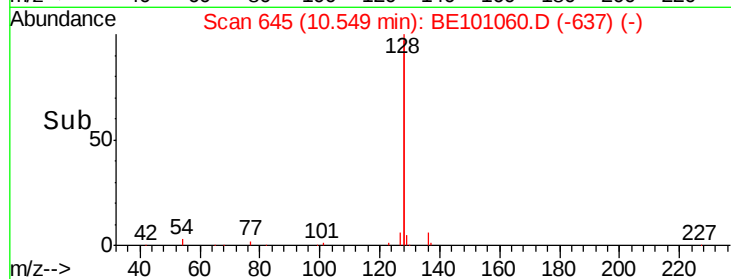
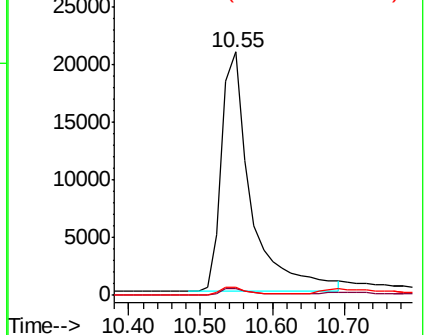
127 3.3 2.7 4.1



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: 0.420 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

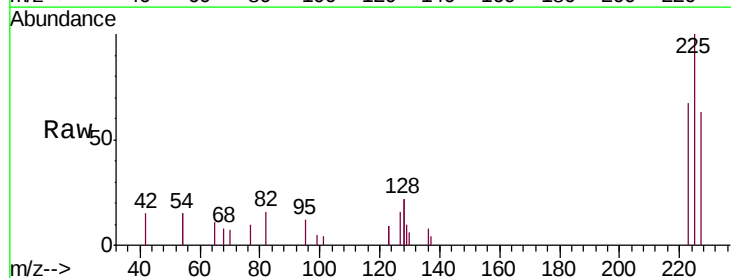
Tgt Ion:225 Resp: 2590

Ion Ratio Lower Upper

225 100

223 62.9 52.2 78.4

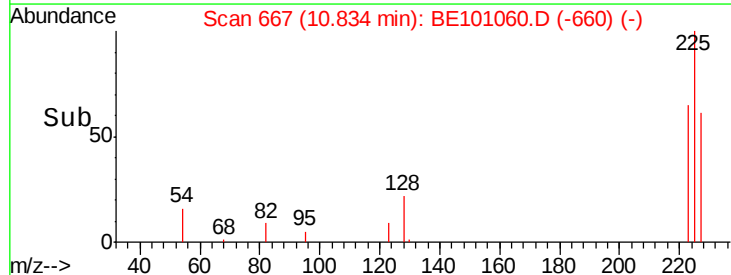
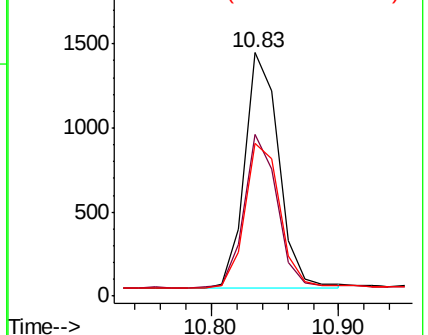
227 63.4 49.9 74.9



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

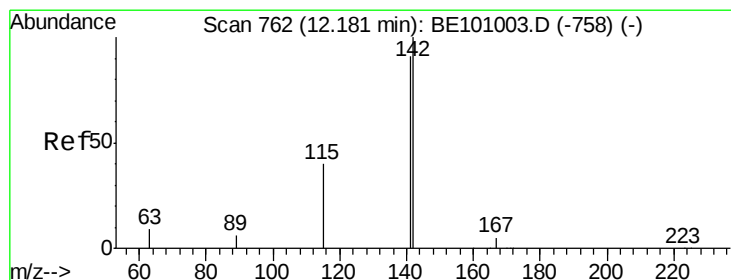
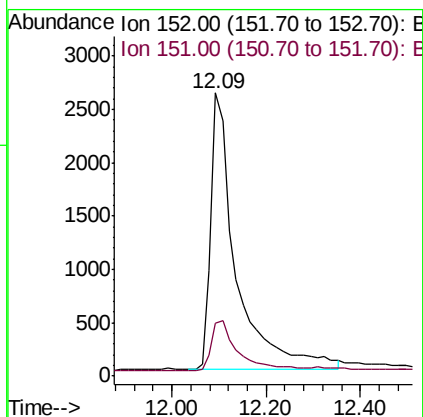
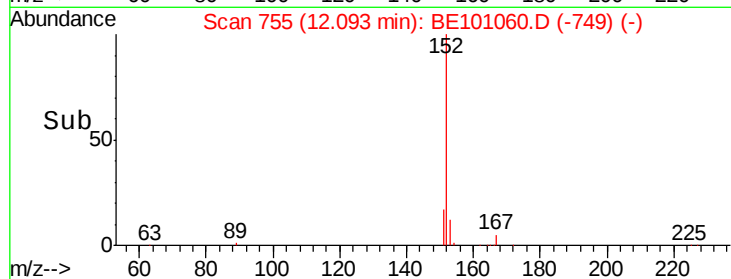
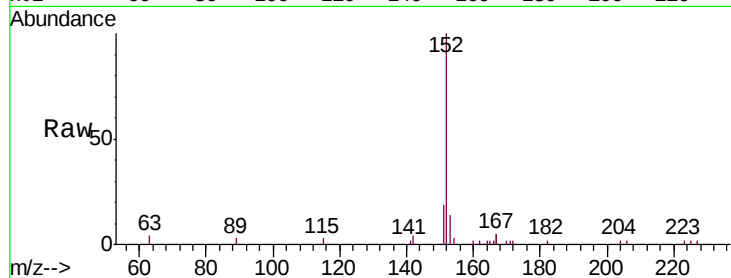




#11
 2-Methylnaphthalene-d10
 Concen: 0.389 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE101060.D
 Acq: 15 Jan 2020 16:23

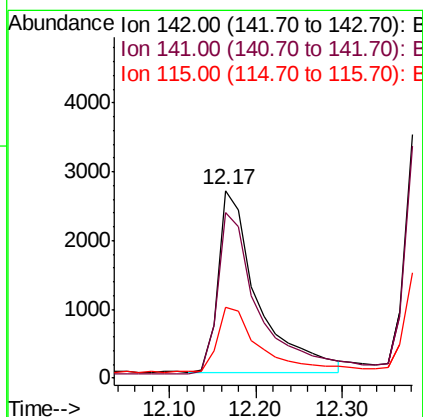
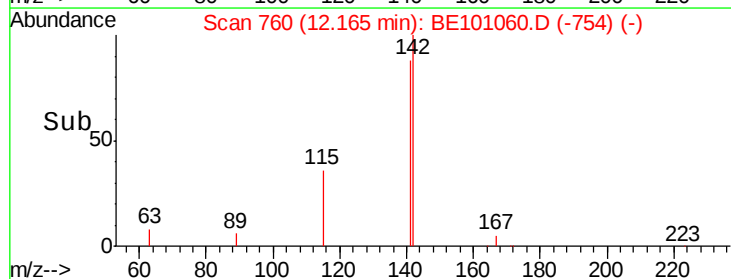
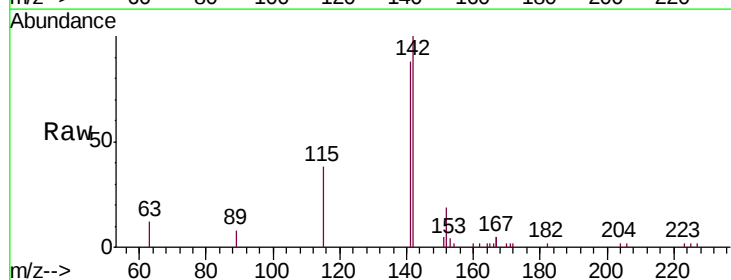
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:152 Resp: 9725
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.381 ng
 RT: 12.17 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE101060.D
 Acq: 15 Jan 2020 16:23

Tgt Ion:142 Resp: 8390
 Ion Ratio Lower Upper
 142 100
 141 88.1 72.5 108.7
 115 38.2 33.0 49.6

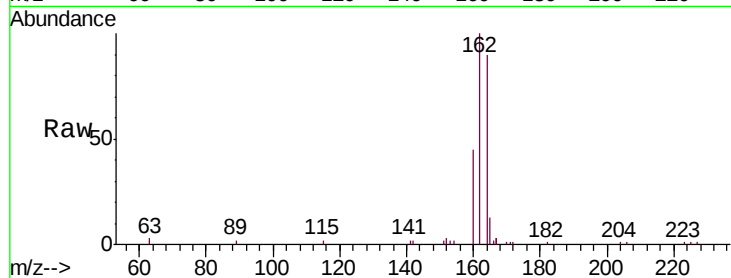




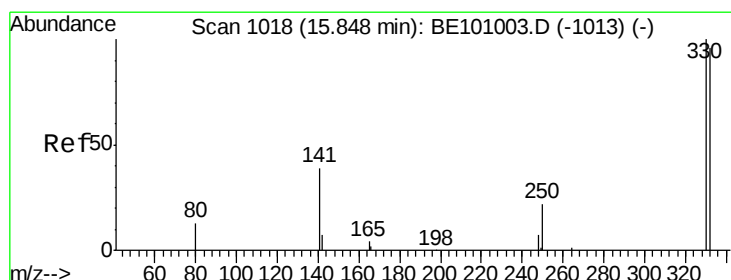
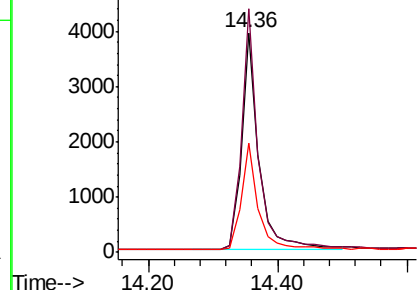
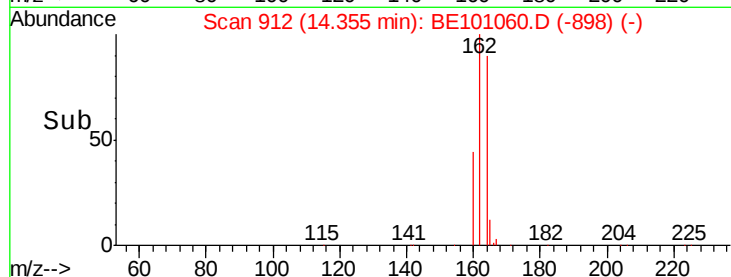
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101060.D
 Acq: 15 Jan 2020 16:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 7232
 Ion Ratio Lower Upper
 164 100
 162 110.7 84.1 126.1
 160 49.7 40.4 60.6

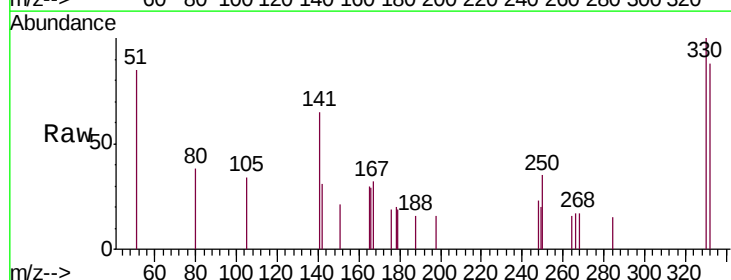


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

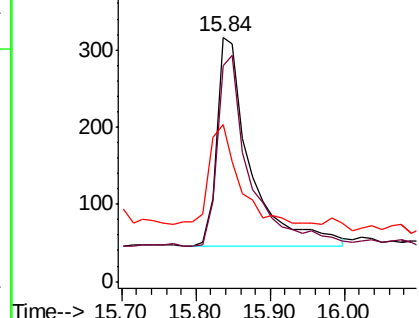
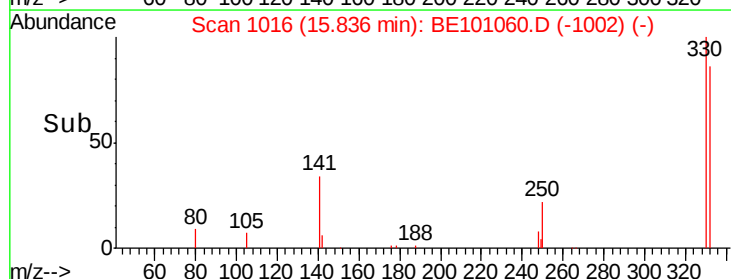


#14
 2,4,6-Tribromophenol
 Concen: 0.421 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101060.D
 Acq: 15 Jan 2020 16:23

Tgt Ion:330 Resp: 860
 Ion Ratio Lower Upper
 330 100
 332 87.2 78.4 117.6
 141 41.7 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

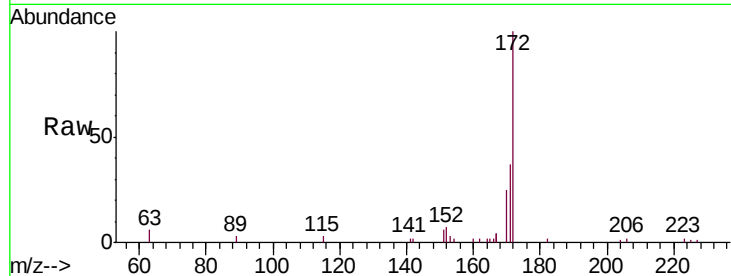




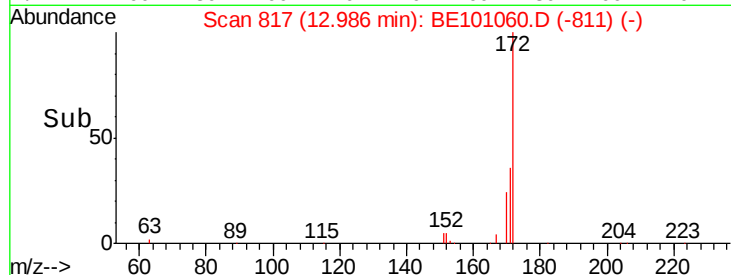
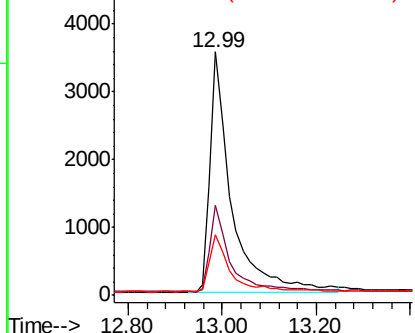
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101060.D
Acq: 15 Jan 2020 16:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11272
Ion Ratio Lower Upper
172 100
171 37.1 28.2 42.2
170 24.8 18.9 28.3

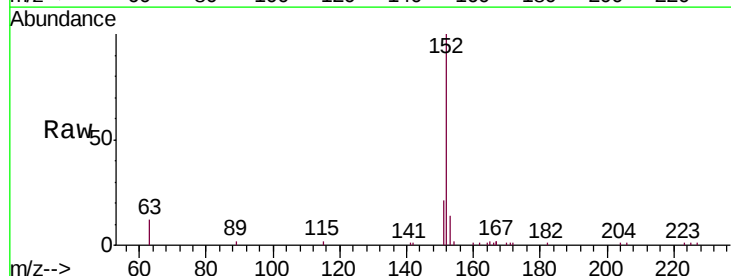


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

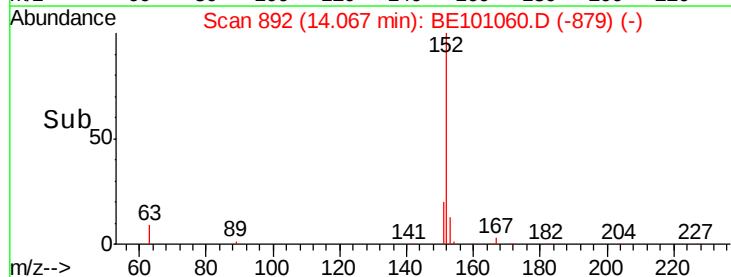
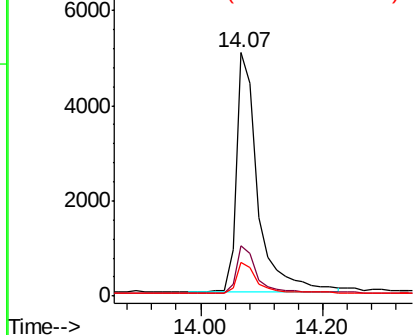


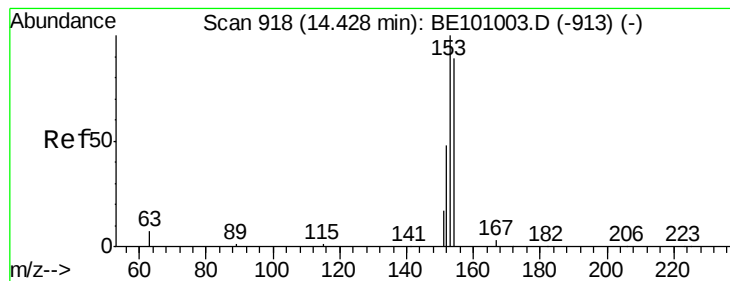
#16
Acenaphthylene
Concen: 0.425 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.02 min
Lab File: BE101060.D
Acq: 15 Jan 2020 16:23

Tgt Ion:152 Resp: 12514
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.2 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: 0.409 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.02 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

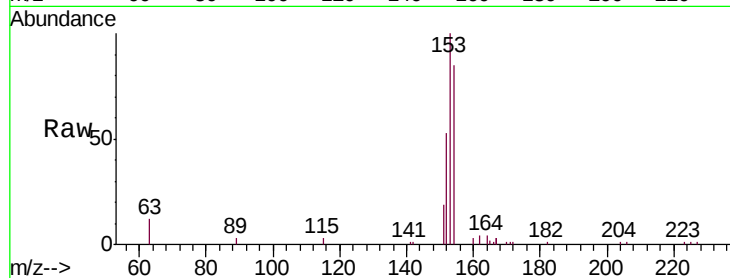
Tgt Ion:154 Resp: 8620

Ion Ratio Lower Upper

154 100

153 113.5 93.6 140.4

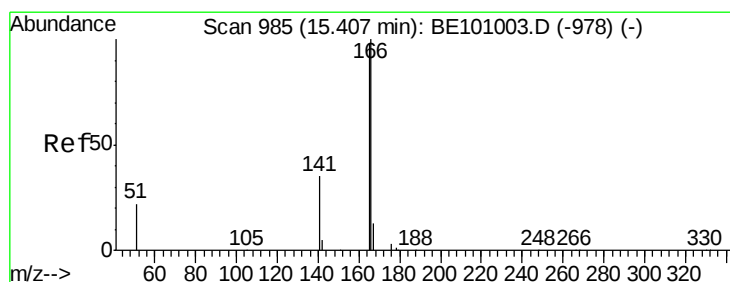
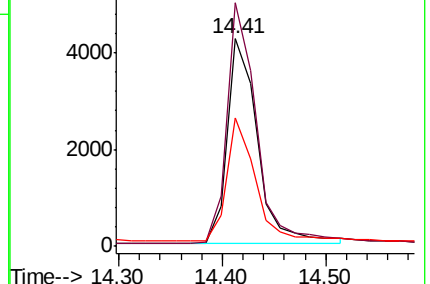
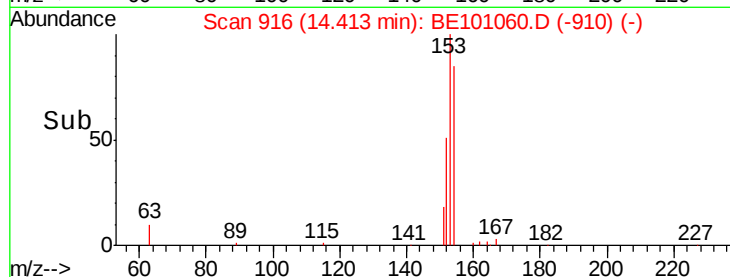
152 56.6 46.3 69.5



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: 0.387 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

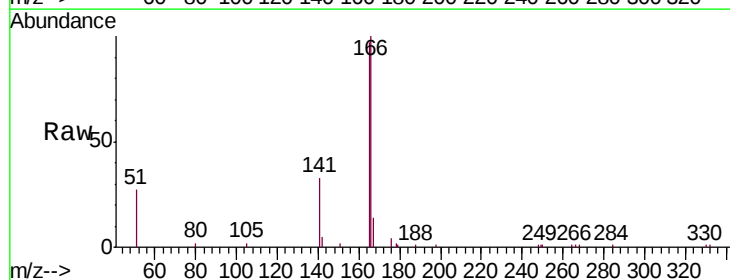
Tgt Ion:166 Resp: 10310

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

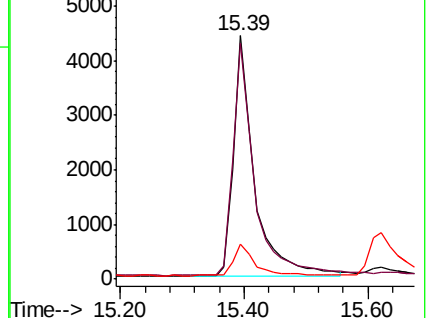
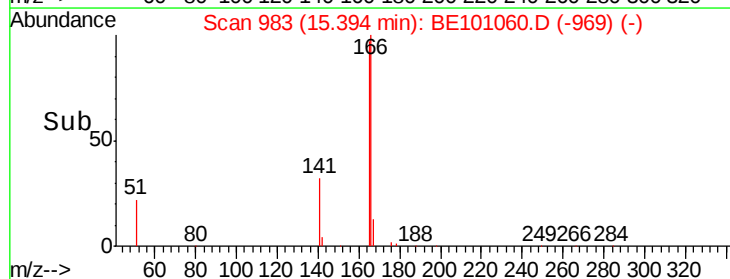
167 13.4 11.0 16.6



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: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

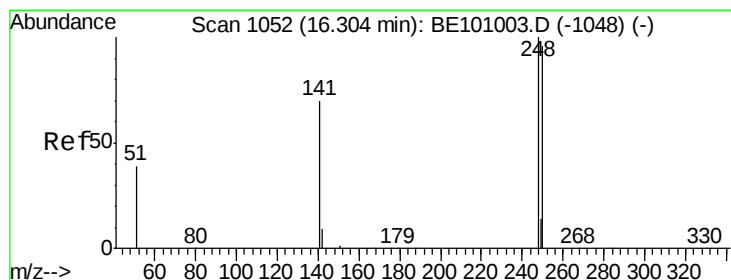
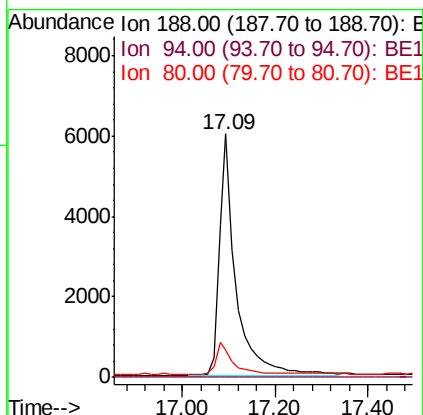
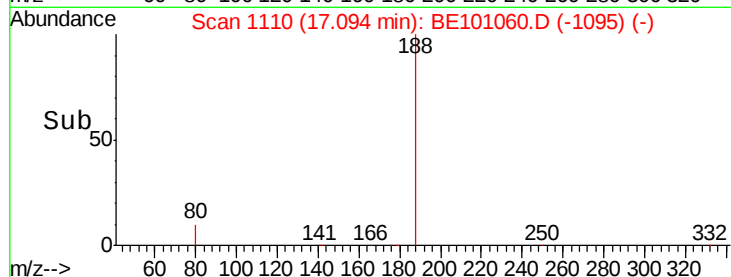
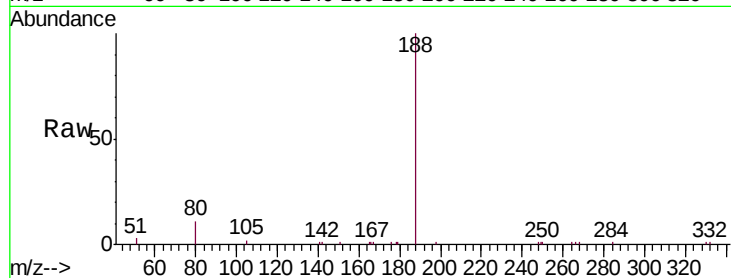
Tgt Ion:188 Resp: 15142

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.408 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

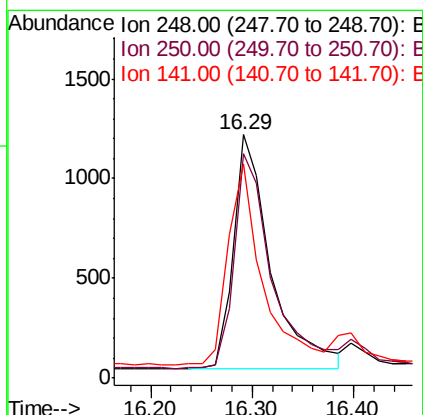
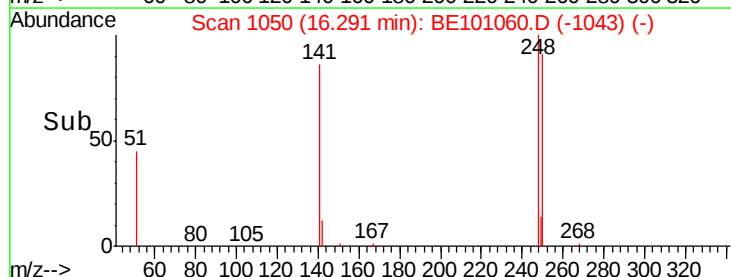
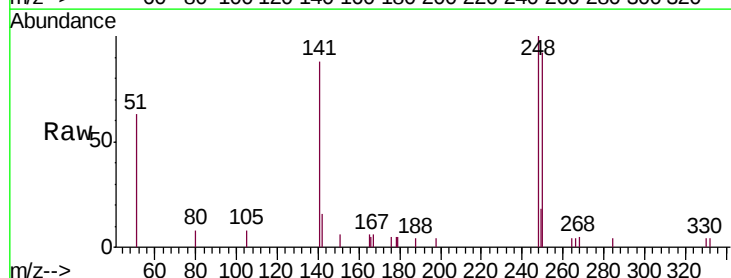
Tgt Ion:248 Resp: 3016

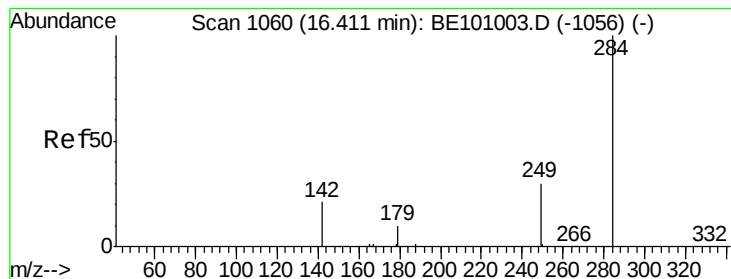
Ion Ratio Lower Upper

248 100

250 92.0 76.6 115.0

141 88.0 57.7 86.5#





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

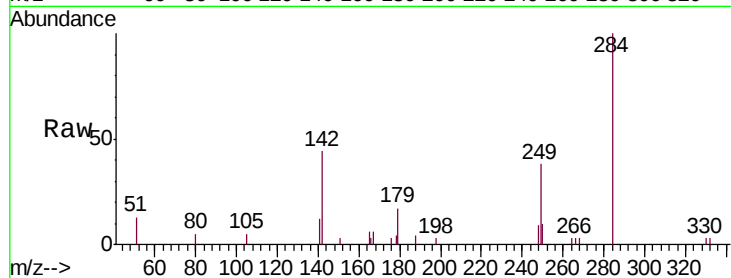
Tgt Ion:284 Resp: 3439

Ion Ratio Lower Upper

284 100

142 39.9 34.0 51.0

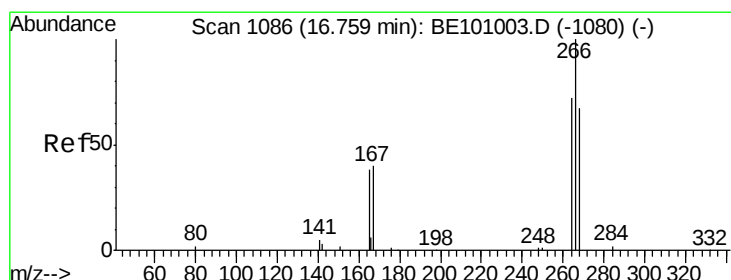
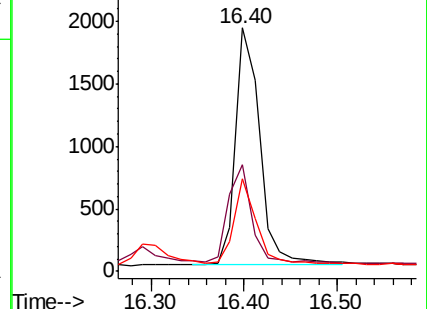
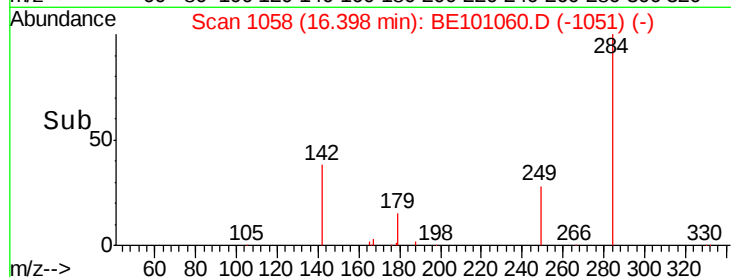
249 31.9 28.2 42.4



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: 0.543 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

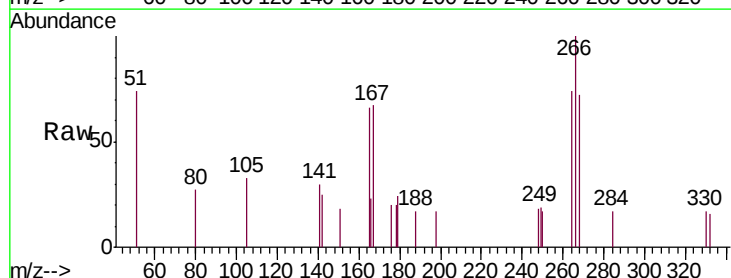
Tgt Ion:266 Resp: 832

Ion Ratio Lower Upper

266 100

264 73.8 61.0 91.4

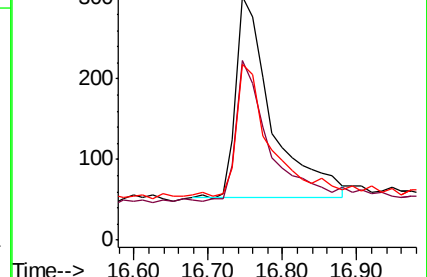
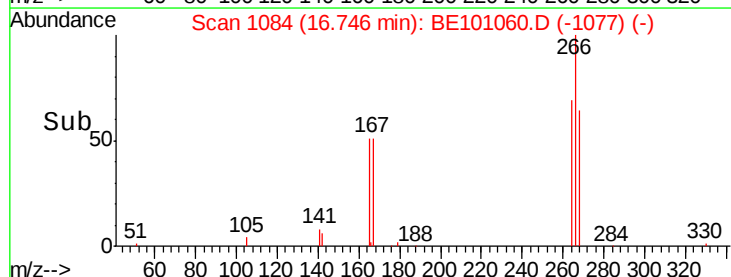
268 72.2 58.5 87.7



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: 0.382 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

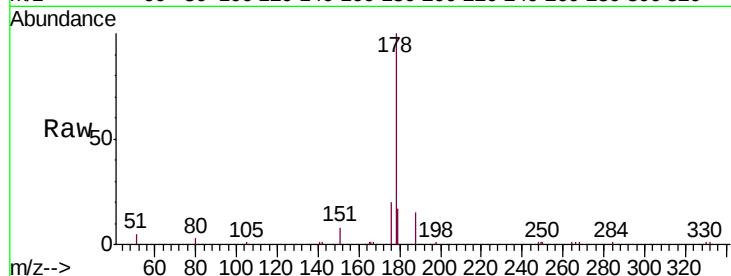
Tgt Ion:178 Resp: 15811

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

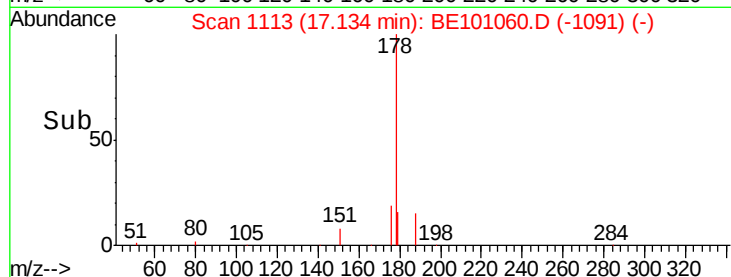
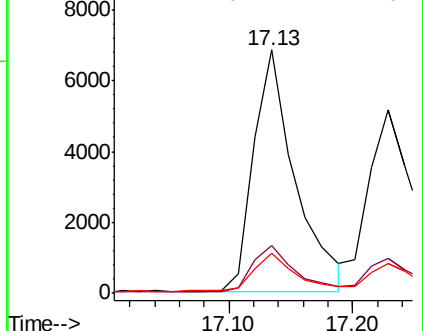
179 15.8 12.0 18.0



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: 0.417 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

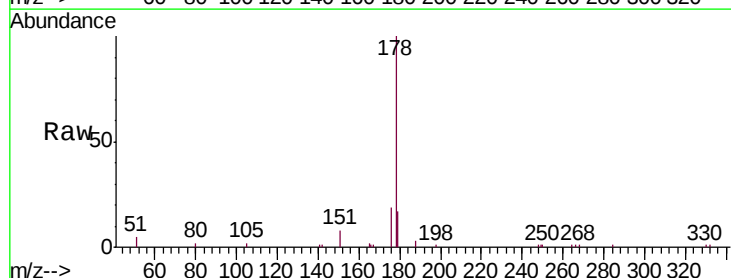
Tgt Ion:178 Resp: 16276

Ion Ratio Lower Upper

178 100

176 16.6 14.8 22.2

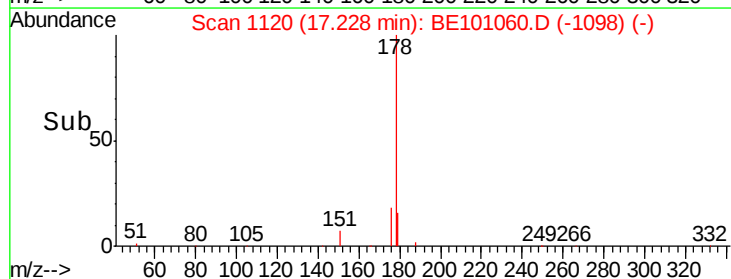
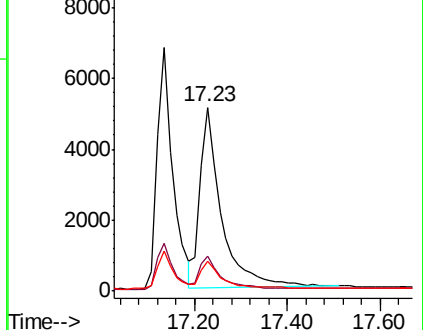
179 14.8 12.4 18.6

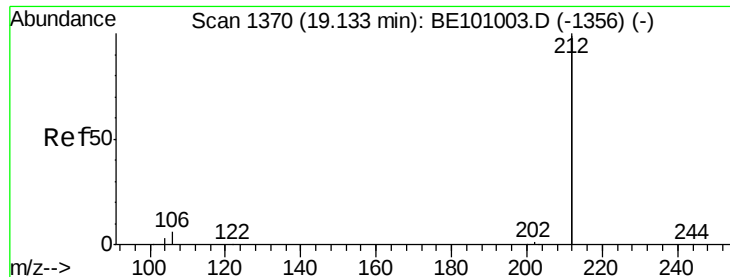


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

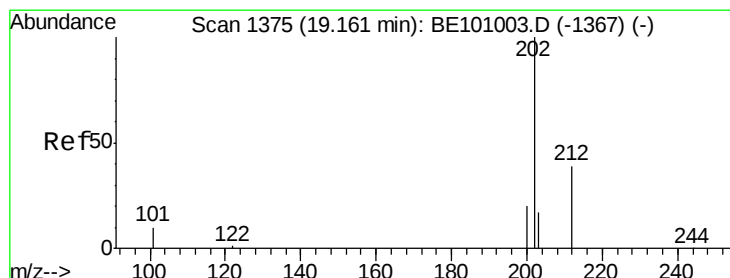
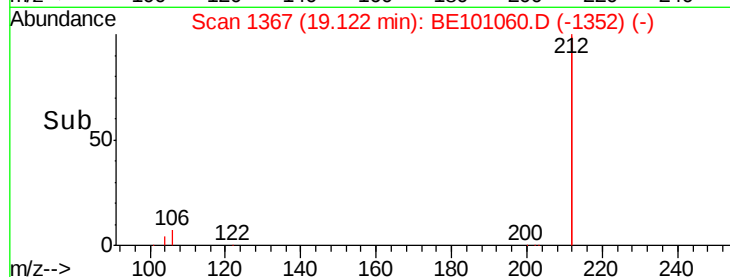
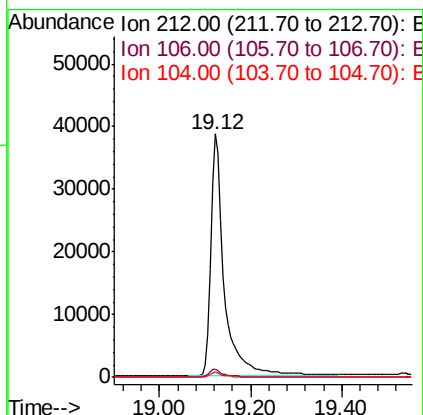
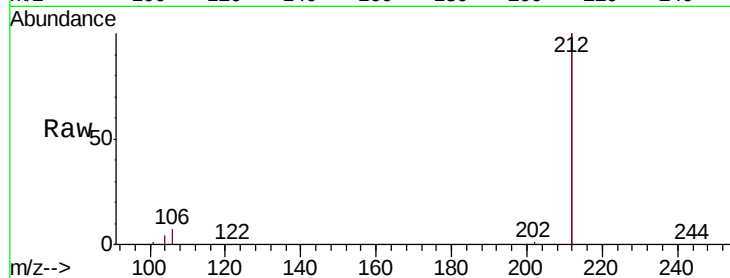
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	81920
Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.0



#26

Fluoranthene

Concen: 0.380 ng

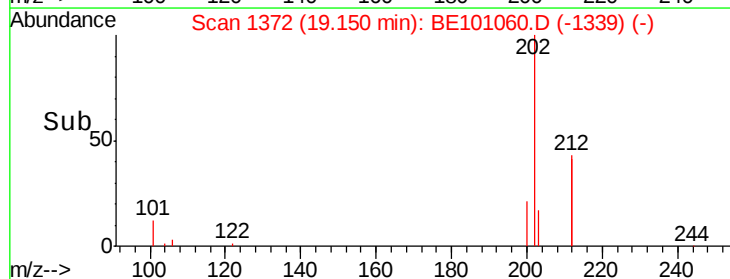
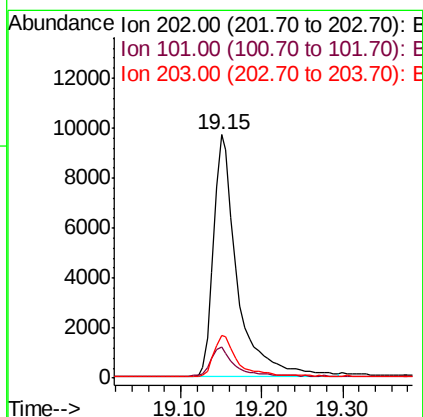
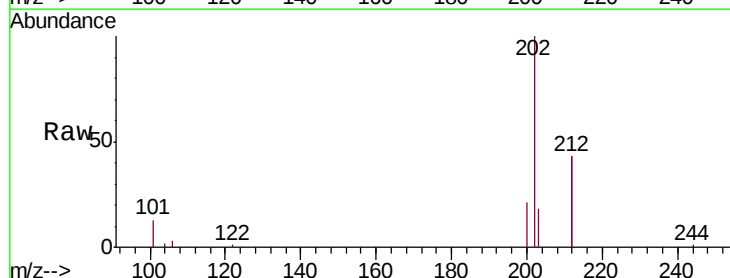
RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Tgt Ion:	202	Resp:	19690
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.1	13.8	20.6

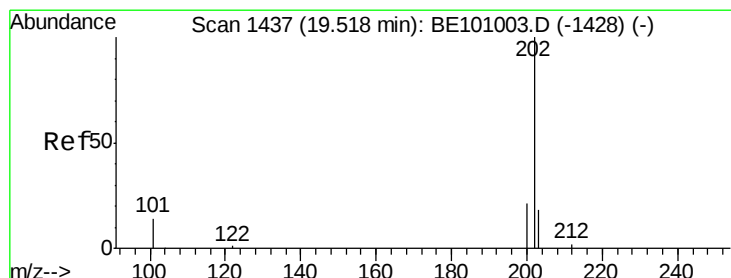
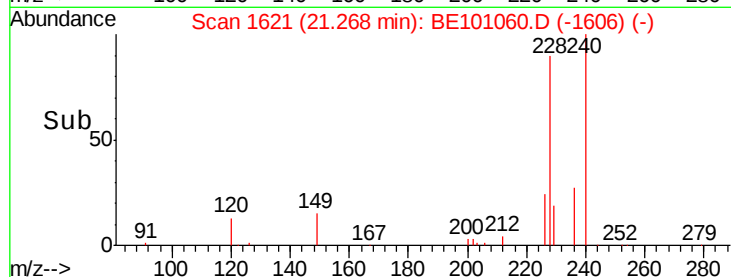
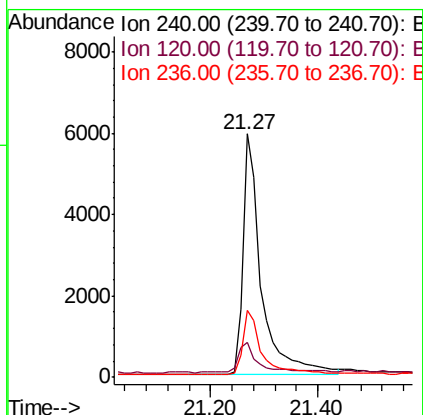
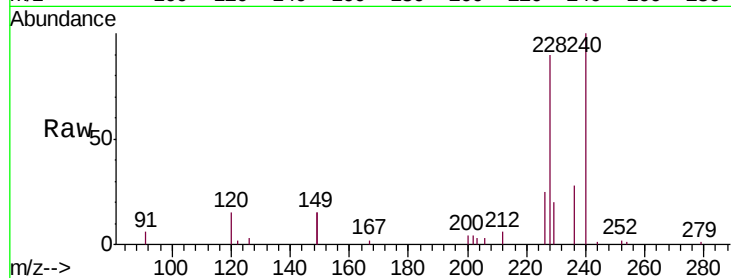




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE101060.D
Acq: 15 Jan 2020 16:23

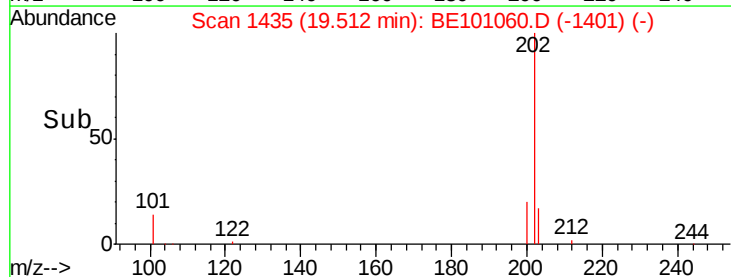
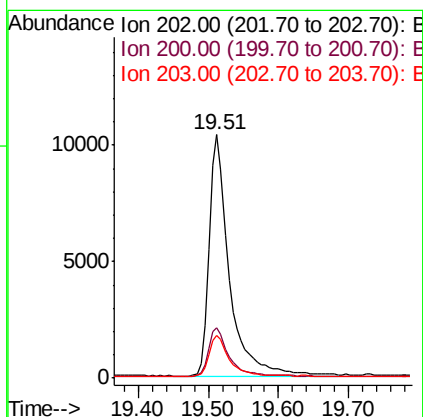
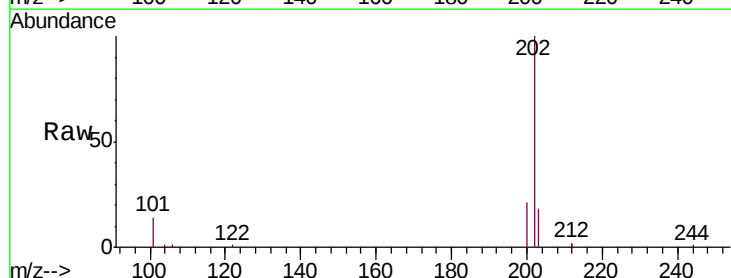
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

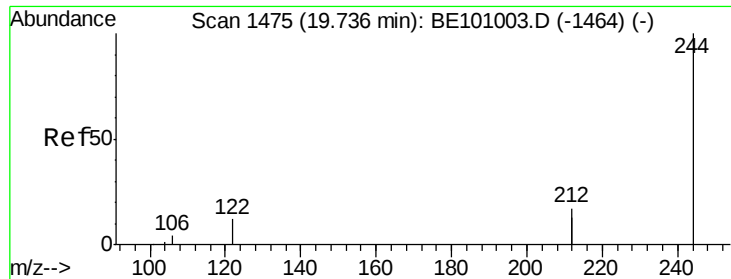
Tgt Ion:240 Resp: 14287
Ion Ratio Lower Upper
240 100
120 14.5 8.6 13.0#
236 27.6 22.2 33.4



#28
Pyrene
Concen: 0.393 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101060.D
Acq: 15 Jan 2020 16:23

Tgt Ion:202 Resp: 20893
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.2 13.8 20.6





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

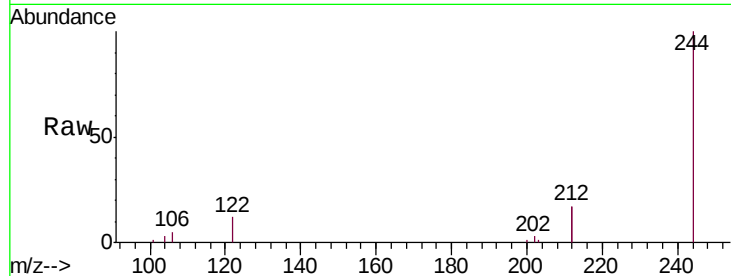
Tgt Ion:244 Resp: 13256

Ion Ratio Lower Upper

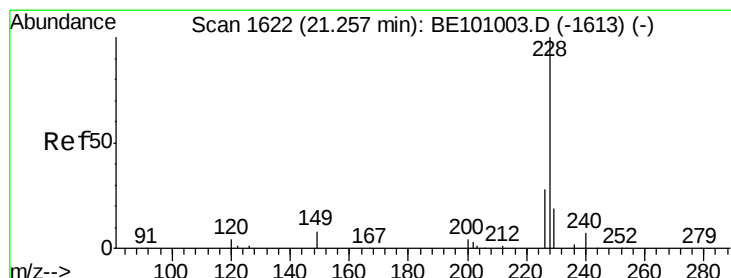
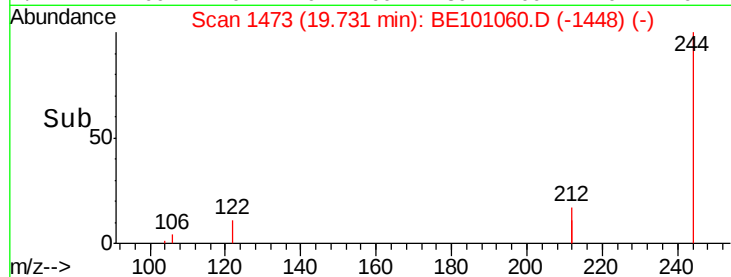
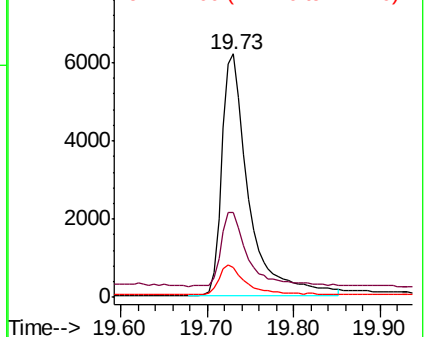
244 100

212 34.6 27.2 40.8

122 12.4 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: 0.407 ng

RT: 21.26 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

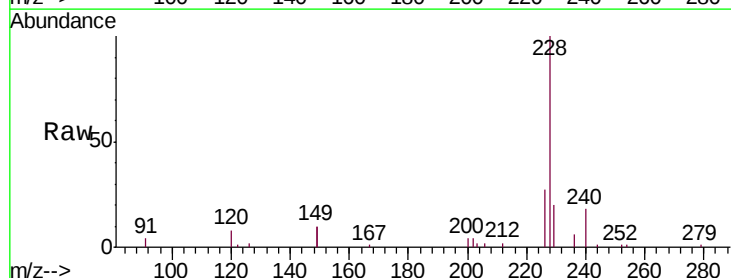
Tgt Ion:228 Resp: 16612

Ion Ratio Lower Upper

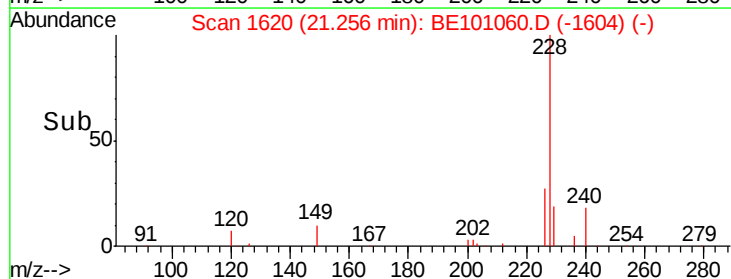
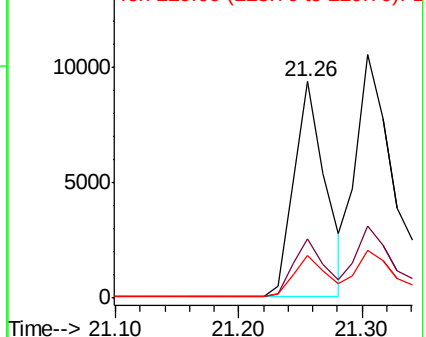
228 100

226 27.3 22.7 34.1

229 19.8 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: 0.430 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

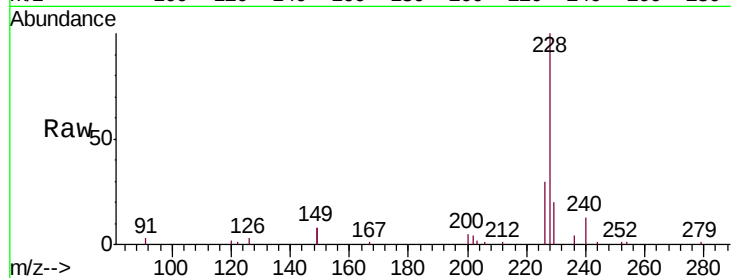
Tgt Ion:228 Resp: 26080

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

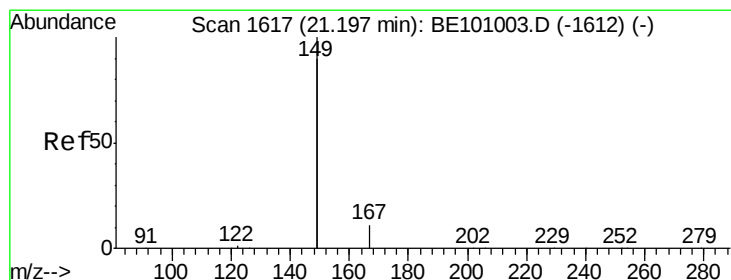
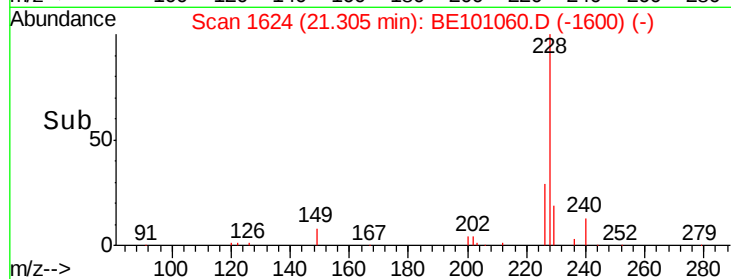
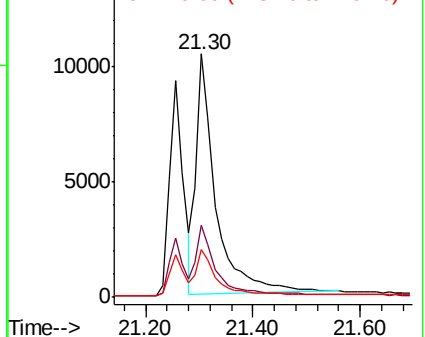
229 19.6 16.7 25.1



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: 0.563 ng

RT: 21.20 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

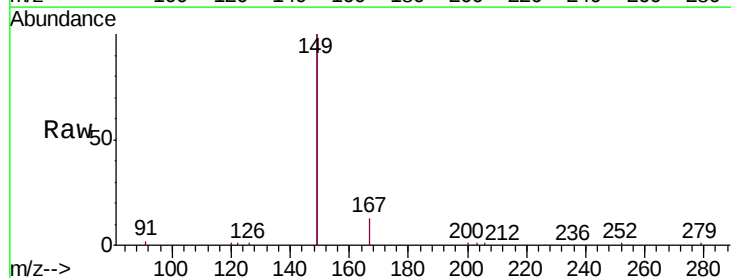
Tgt Ion:149 Resp: 38213

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

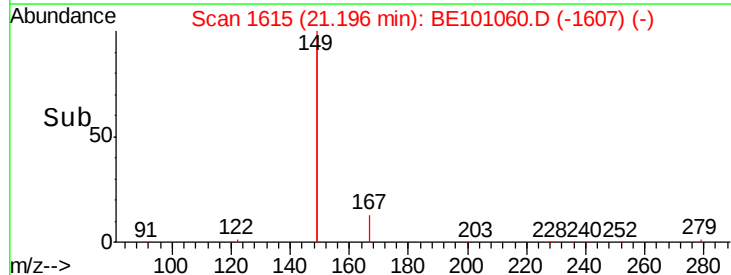
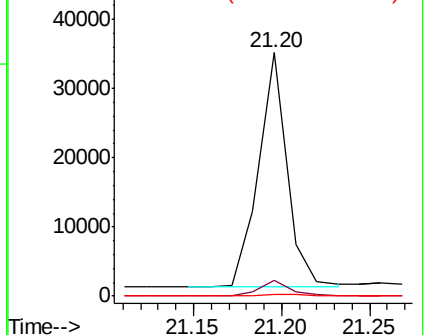
279 0.8 0.8 1.2



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: 0.546 ng

RT: 26.23 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

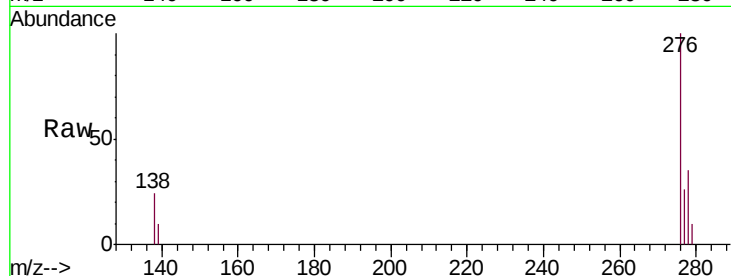
Tgt Ion:276 Resp: 26146

Ion Ratio Lower Upper

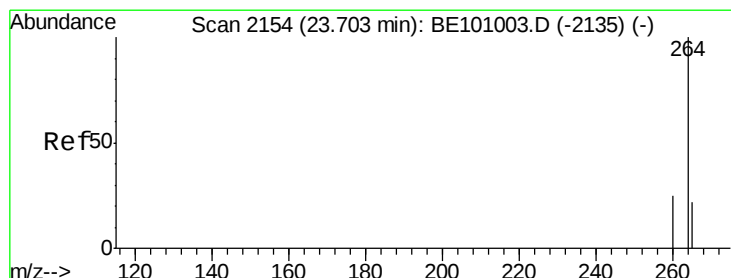
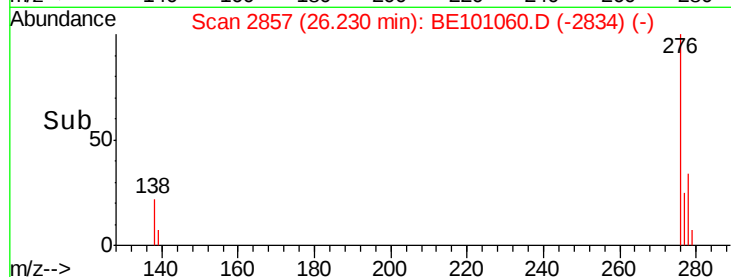
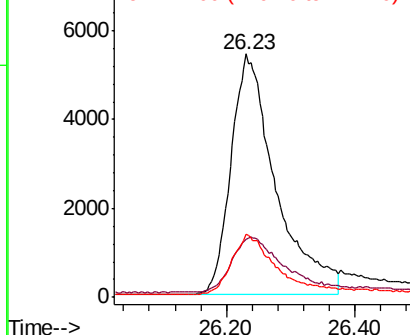
276 100

138 26.4 16.1 24.1#

277 25.2 18.1 27.1



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: 23.69 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

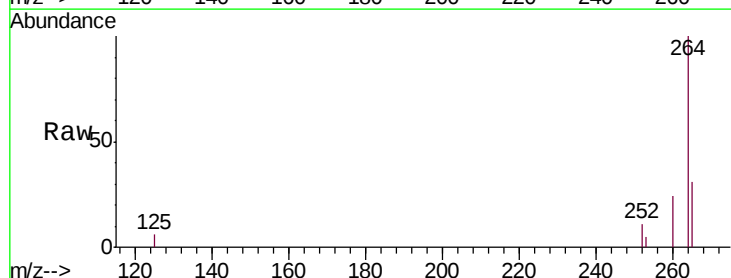
Tgt Ion:264 Resp: 19623

Ion Ratio Lower Upper

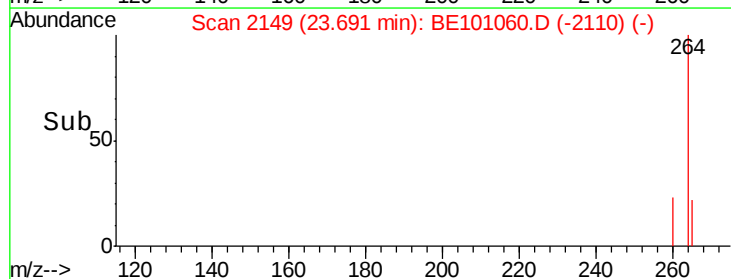
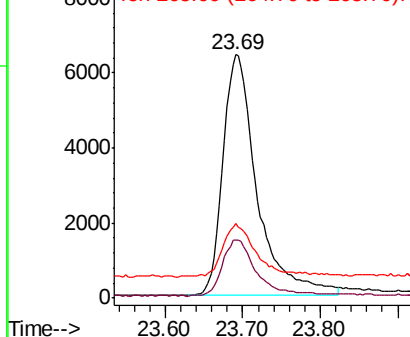
264 100

260 24.1 20.3 30.5

265 30.5 27.0 40.4



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: 0.341 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

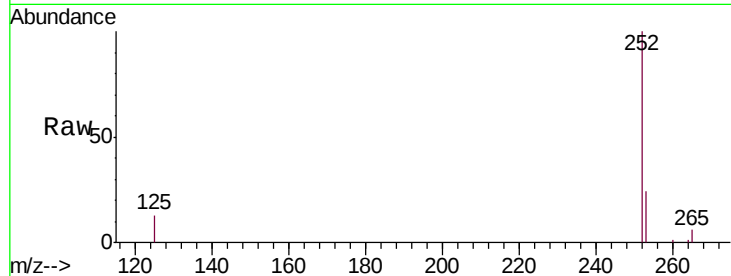
BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:252 Resp: 18767

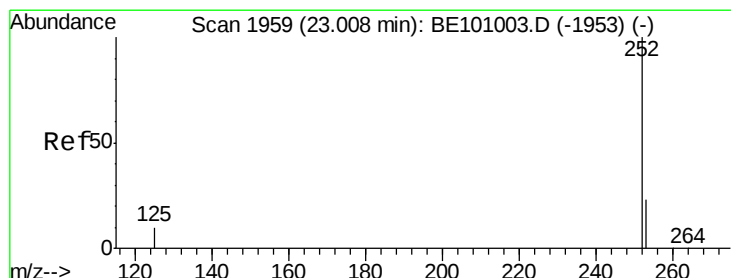
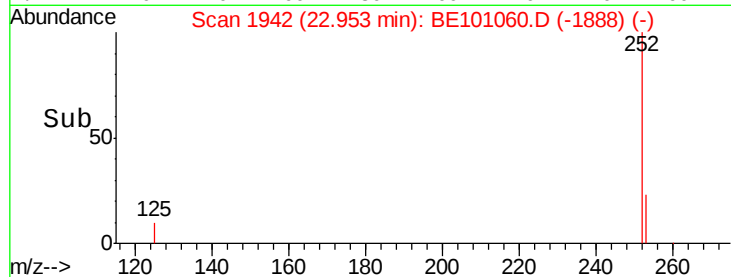
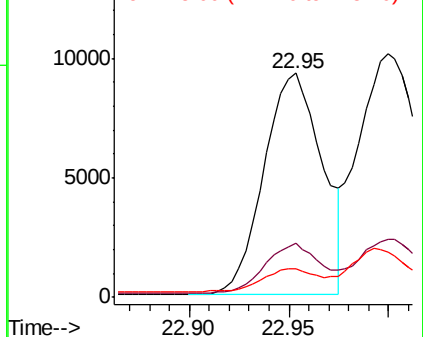
Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	12.5	9.5	14.3



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: 0.235 ng

RT: 22.95 min Scan# 1942

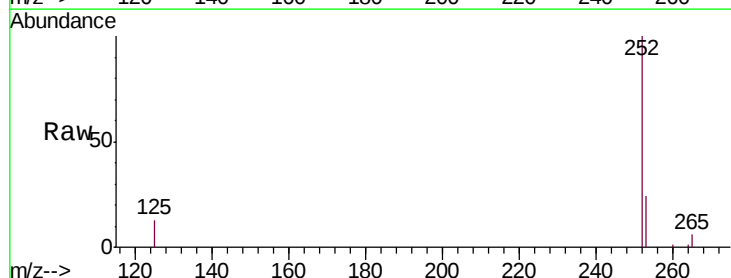
Delta R.T. -0.05 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Tgt Ion:252 Resp: 18767

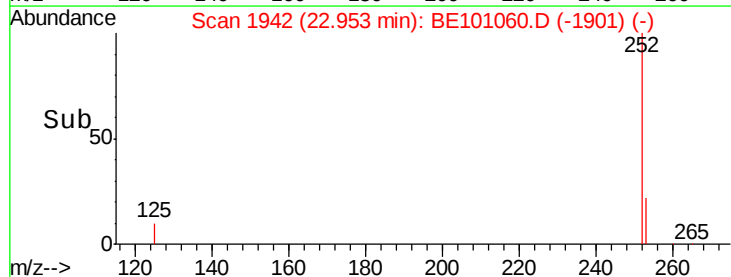
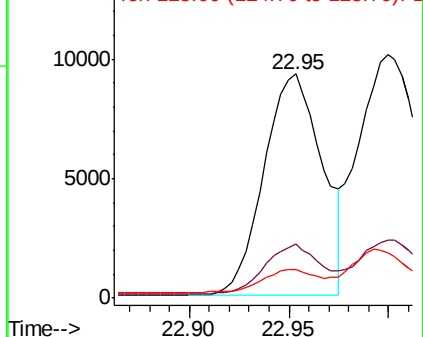
Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	12.5	10.1	15.1

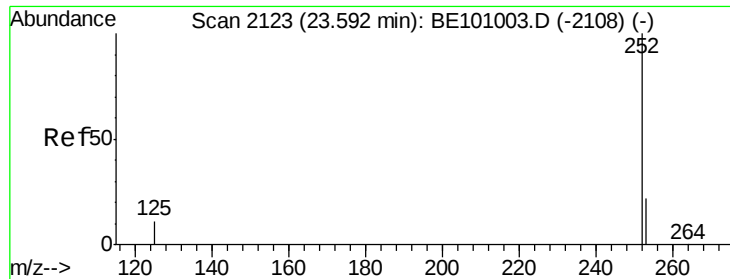


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

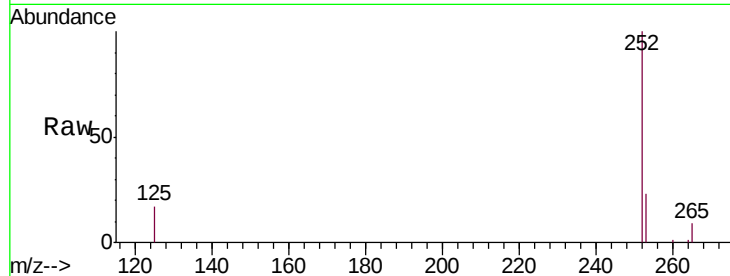
Tgt Ion:252 Resp: 21629

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

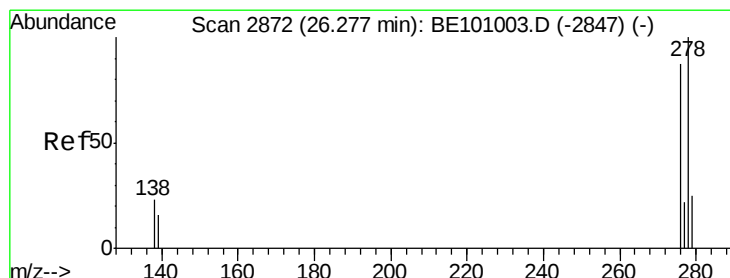
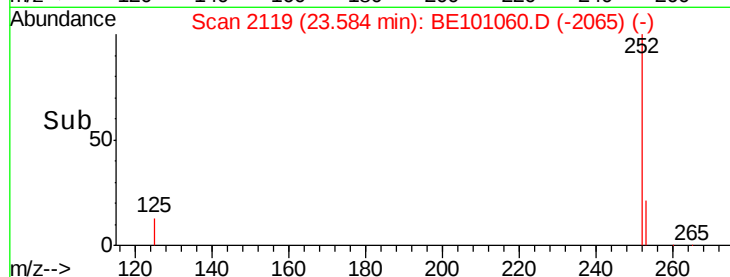
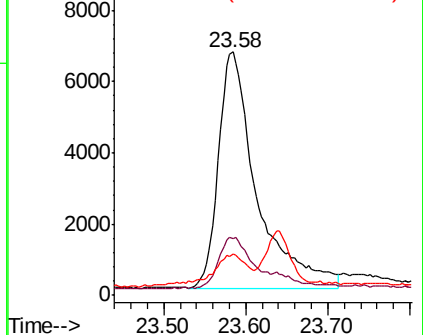
125 16.8 11.8 17.6



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: 0.397 ng

RT: 26.26 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

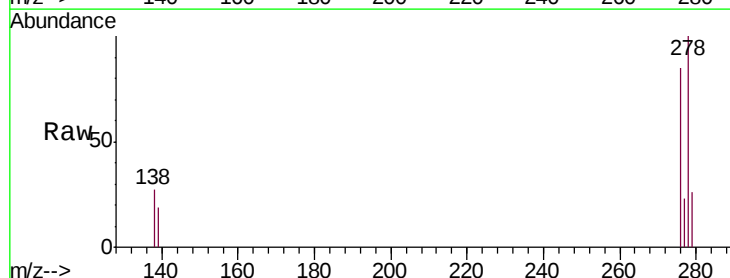
Tgt Ion:278 Resp: 19432

Ion Ratio Lower Upper

278 100

139 19.3 15.0 22.4

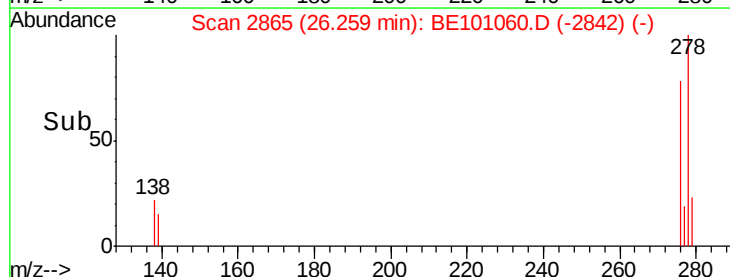
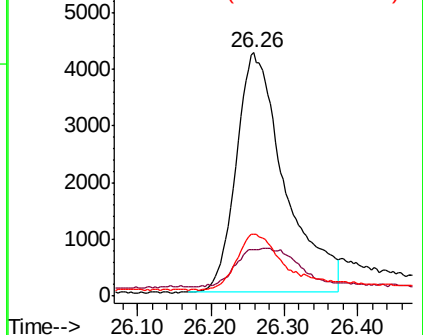
279 25.5 22.6 33.8



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(g,h,i)perylene

Concen: 0.402 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BE101060.D

Acq: 15 Jan 2020 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

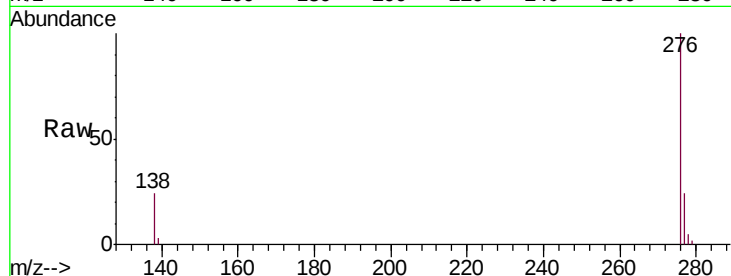
Tgt Ion: 276 Resp: 24213

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 24.3 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

