

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100085.D
 Acq On : 19 Jun 2019 16:14
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 19 18:32:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	485	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1762	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1346	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4113	0.40	ng	0.00
27) Chrysene-d12	21.35	240	6258	0.40	ng	0.01
34) Perylene-d12	23.84	264	6864	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	475	0.47	ng	0.00
5) Phenol-d6	6.93	99	589	0.43	ng	0.00
8) Nitrobenzene-d5	8.92	82	648	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.15	152	1261	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	269	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	2163	0.41	ng	0.00
25) Fluoranthene-d10	19.20	212	23387	0.40	ng	0.00
29) Terphenyl-d14	19.81	244	4879	0.39	ng	0.00

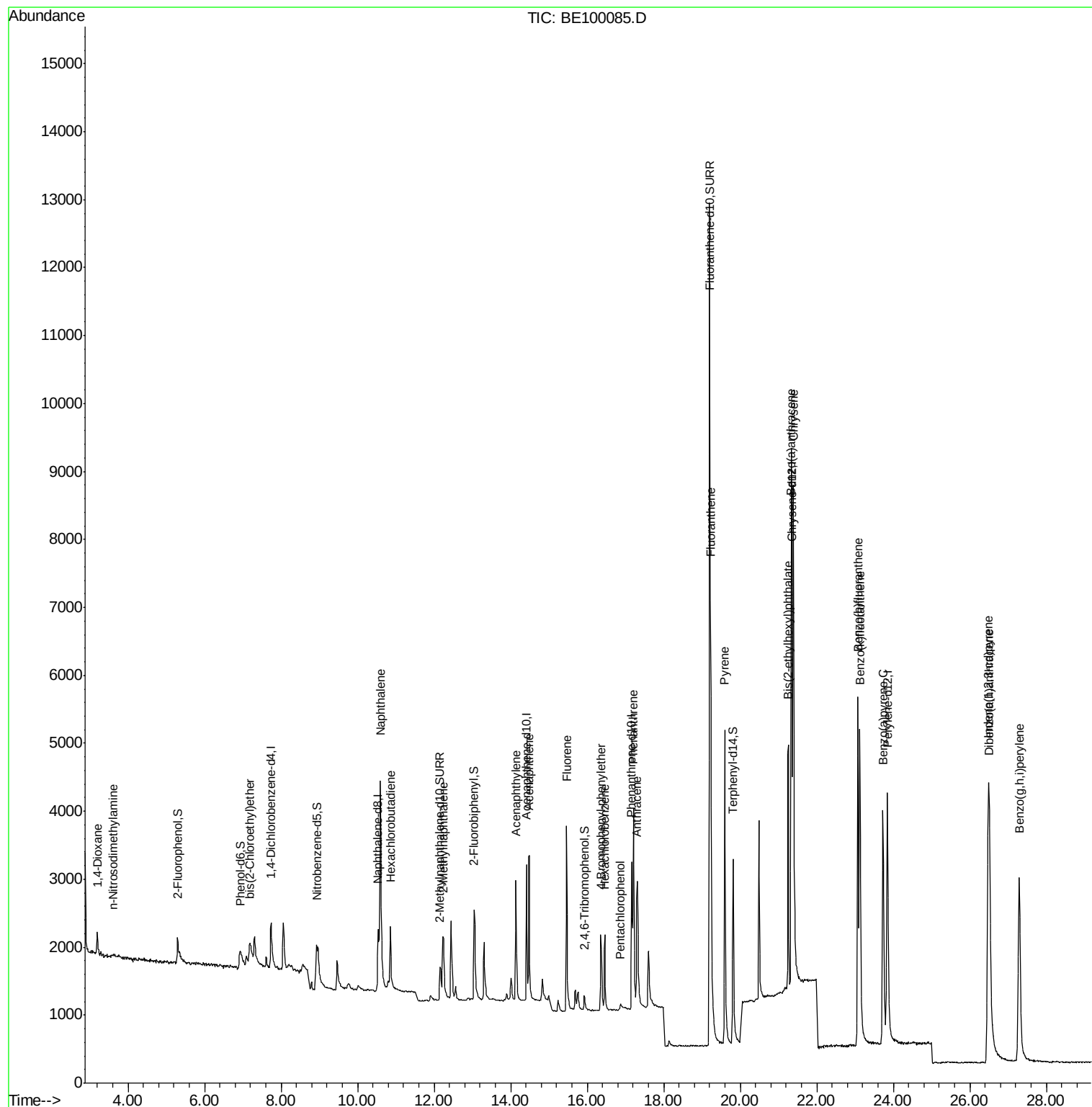
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	351	0.451	ng	# 85
3) n-Nitrosodimethylamine	3.61	42	48	0.435	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	515	0.395	ng	# 1
9) Naphthalene	10.59	128	7659	0.400	ng	99
10) Hexachlorobutadiene	10.86	225	776	0.413	ng	95
12) 2-Methylnaphthalene	12.24	142	1171	0.372	ng	98
16) Acenaphthylene	14.14	152	2449	0.383	ng	98
17) Acenaphthene	14.49	154	1406	0.394	ng	97
18) Fluorene	15.46	166	2081	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.36	248	977	0.400	ng	89
21) Hexachlorobenzene	16.46	284	1108	0.411	ng	98
22) Pentachlorophenol	16.87	266	157	0.421	ng	98
23) Phenanthrene	17.20	178	3856	0.391	ng	99
24) Anthracene	17.31	178	3002	0.361	ng	99
26) Fluoranthene	19.23	202	6261	0.396	ng	100
28) Pyrene	19.59	202	6227	0.387	ng	100
30) Benzo(a)anthracene	21.33	228	7166	0.385	ng	99
31) Chrysene	21.39	228	8522	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	5557	0.316	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.48	276	9497	0.390	ng	# 95
35) Benzo(b)fluoranthene	23.07	252	7732	0.384	ng	98
36) Benzo(k)fluoranthene	23.12	252	9237	0.403	ng	100
37) Benzo(a)pyrene	23.73	252	7519	0.387	ng	99
38) Dibenzo(a,h)anthracene	26.51	278	7487	0.376	ng	98
39) Benzo(g,h,i)perylene	27.29	276	8104	0.391	ng	98

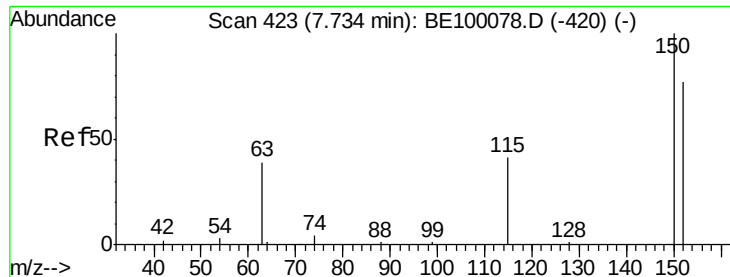
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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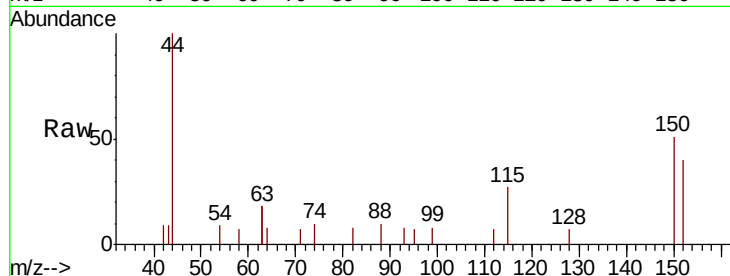


#1

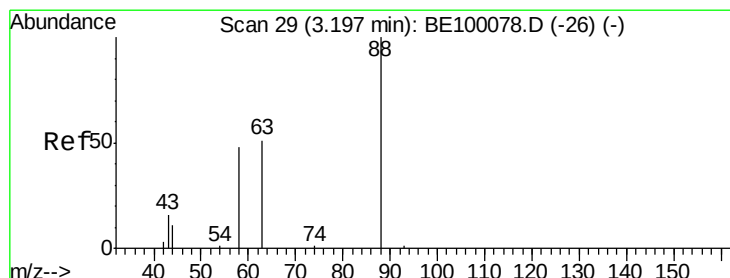
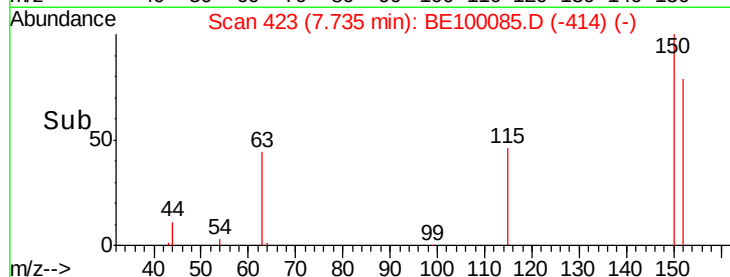
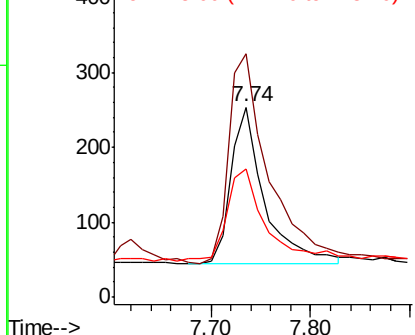
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 485
Ion Ratio Lower Upper
152 100
150 128.0 99.8 149.8
115 67.7 51.3 76.9



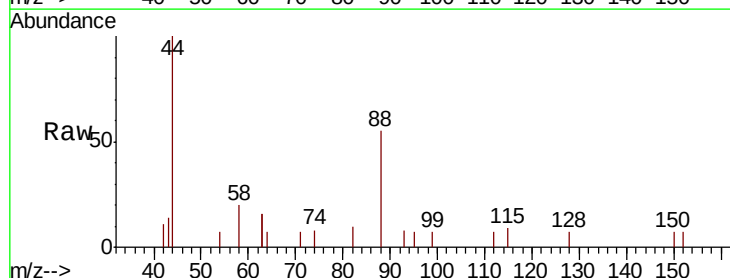
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



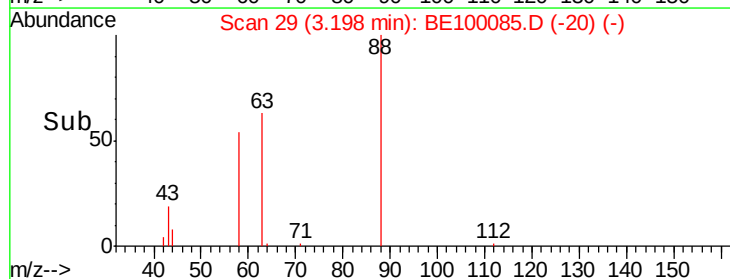
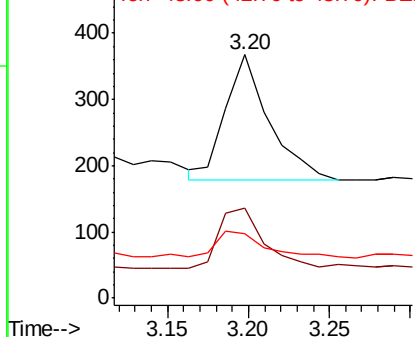
#2

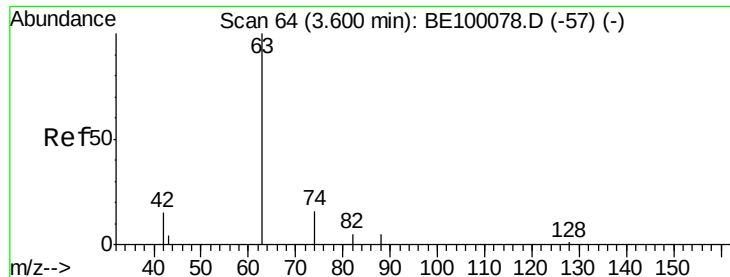
1,4-Dioxane
Concen: 0.451 ng
RT: 3.20 min Scan# 29
Delta R.T. 0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Tgt Ion: 88 Resp: 351
Ion Ratio Lower Upper
88 100
58 50.4 51.1 76.7#
43 22.5 21.7 32.5



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



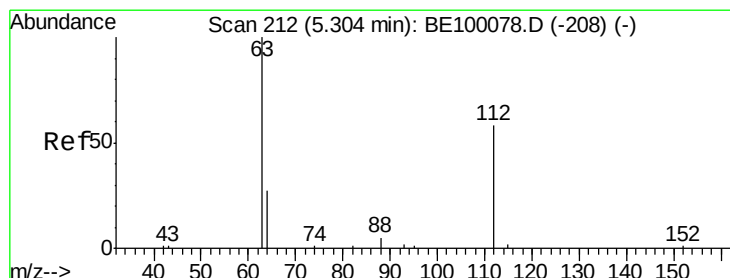
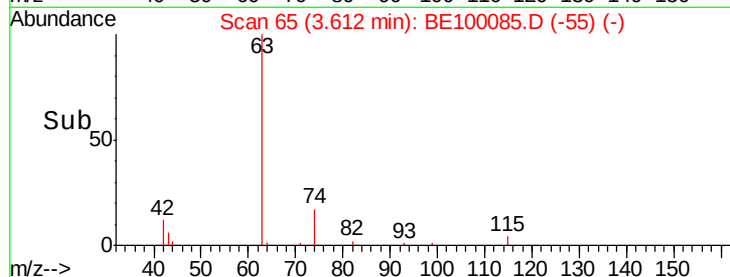
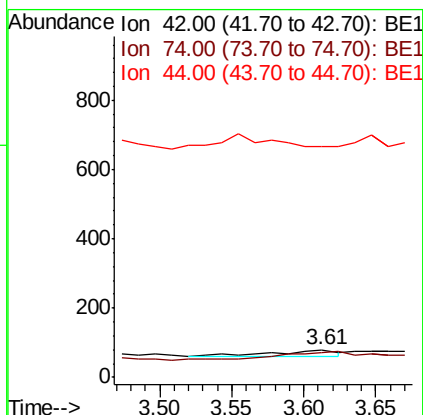
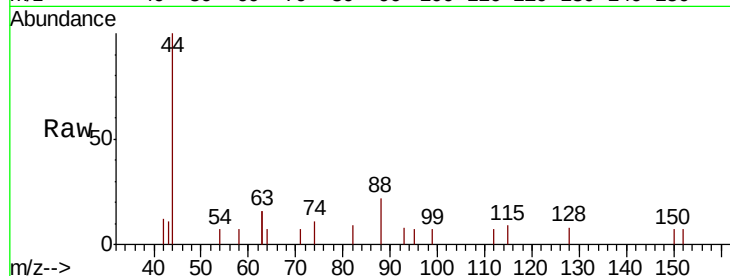


#3

n-Nitrosodimethylamine
 Concen: 0.435 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: BE100085.D
 Acq: 19 Jun 2019 16:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

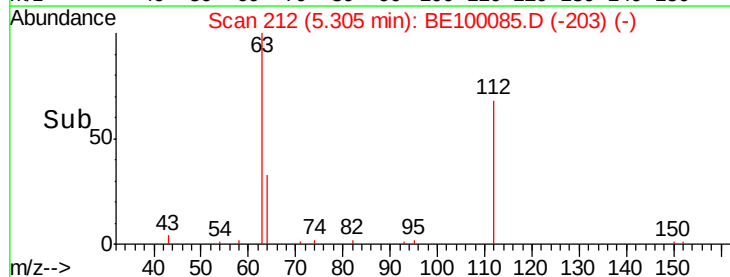
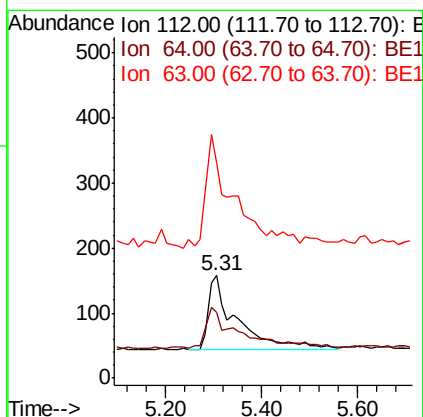
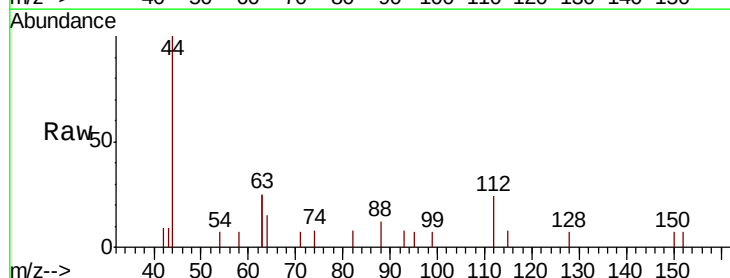
Tot Ion	Ratio	Lower	Upper
42	100		
74	185.4	0.0	0.0#
44	0.0	0.0	0.0

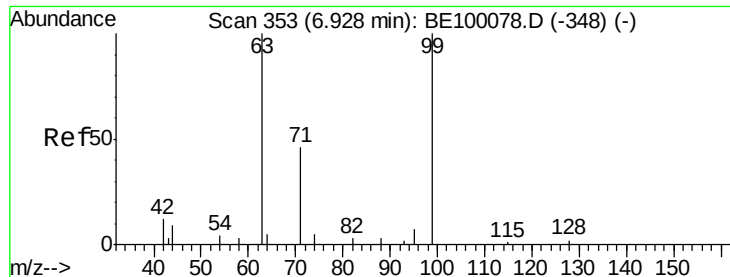


#4

2-Fluorophenol
 Concen: 0.472 ng
 RT: 5.31 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE100085.D
 Acq: 19 Jun 2019 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	22.0	33.0#
63	134.9	121.8	182.6





#5

Phenol-d6

Concen: 0.426 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

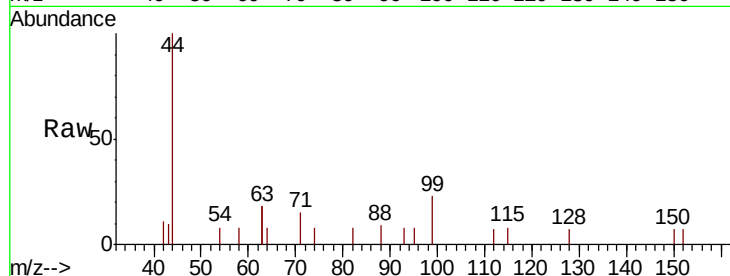
Tot Ion: 99 Resp: 589

Ion Ratio Lower Upper

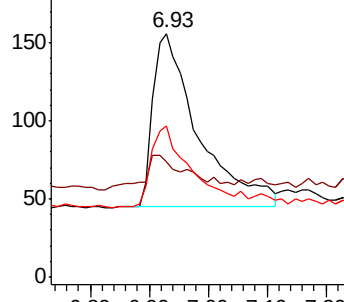
99 100

42 0.0 0.0 0.0

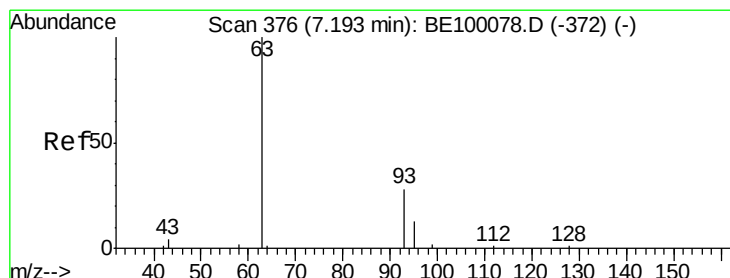
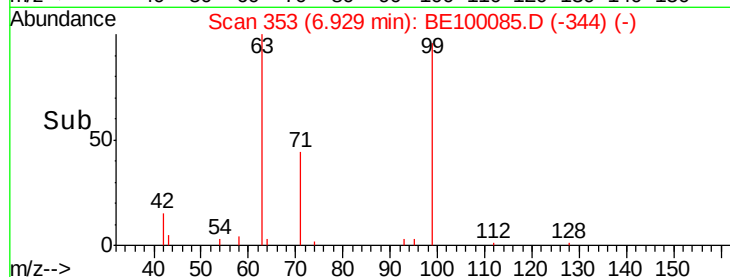
71 41.6 37.6 56.4



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

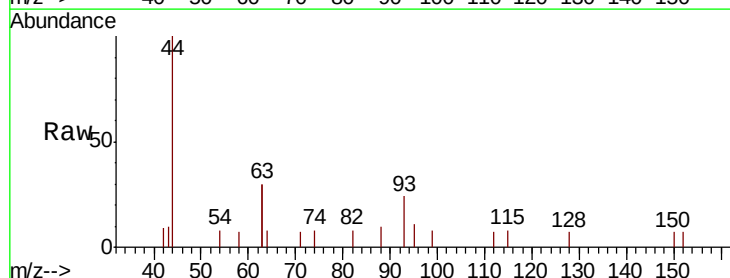
Tgt Ion: 93 Resp: 515

Ion Ratio Lower Upper

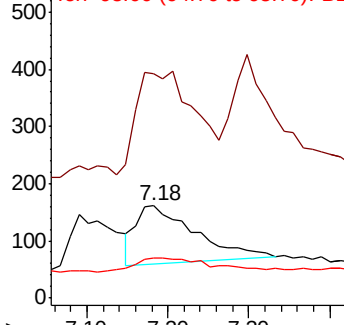
93 100

63 0.0 200.0 300.0#

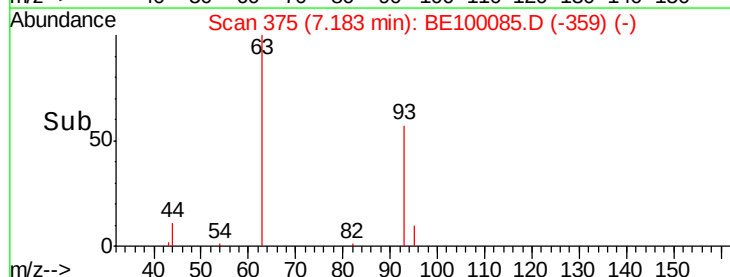
95 0.0 24.0 36.0#

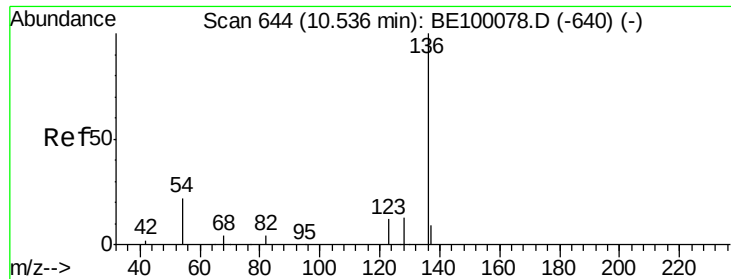


Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 1762

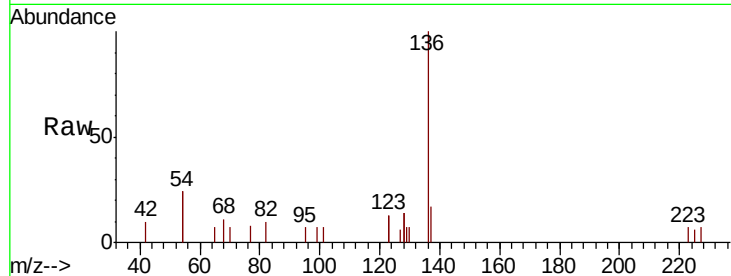
Ion Ratio Lower Upper

136 100

137 16.5 11.6 17.4

54 47.4 33.9 50.9

68 11.3 7.8 11.8

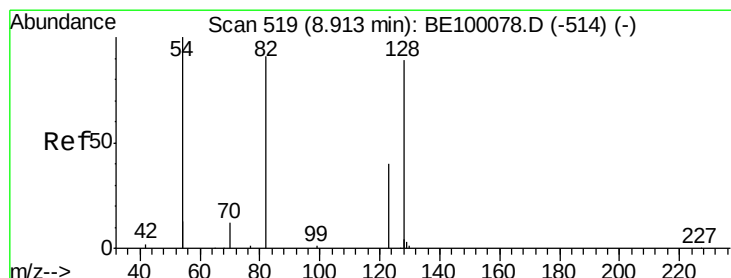
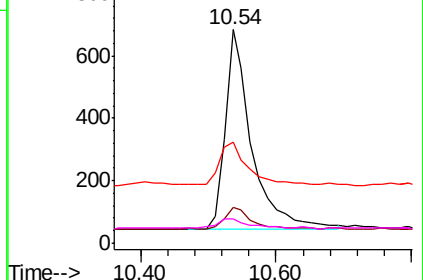
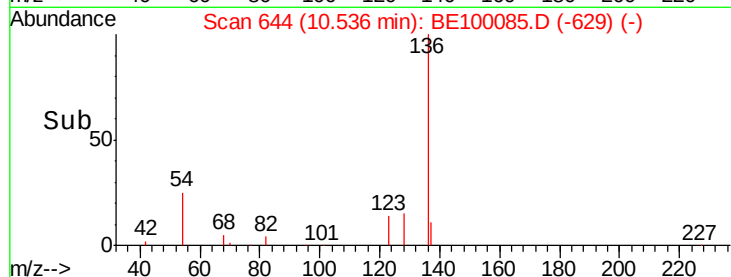


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.92 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

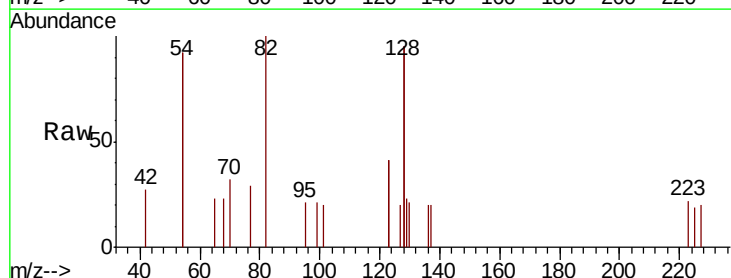
Tgt Ion: 82 Resp: 648

Ion Ratio Lower Upper

82 100

128 190.1 128.0 192.0

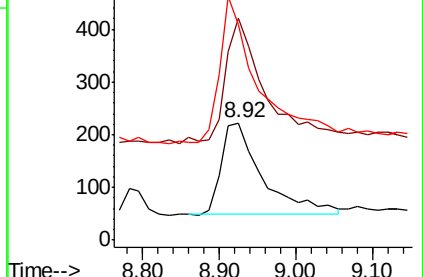
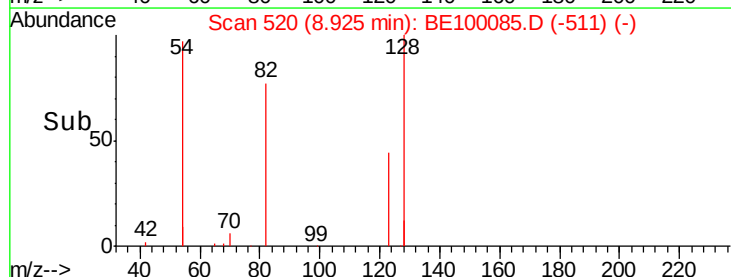
54 183.8 143.4 215.0

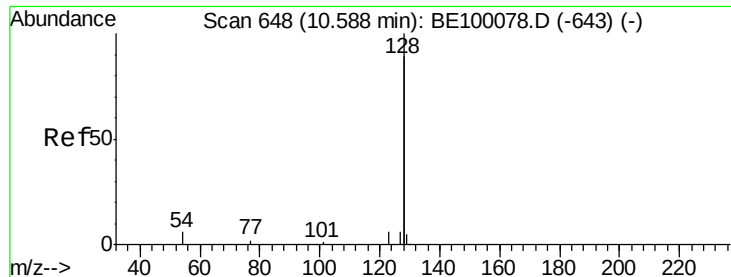


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

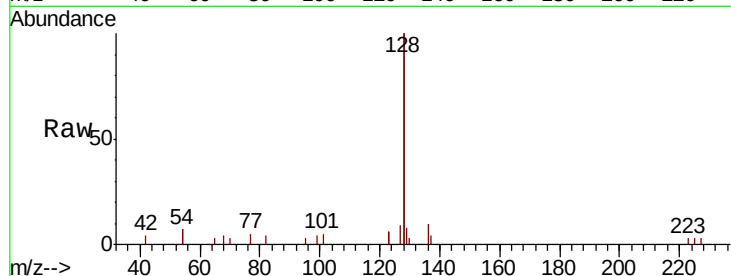
Tot Ion:128 Resp: 7659

Ion Ratio Lower Upper

128 100

129 4.1 3.1 4.7

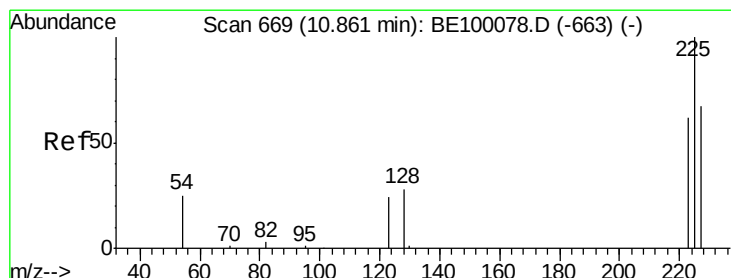
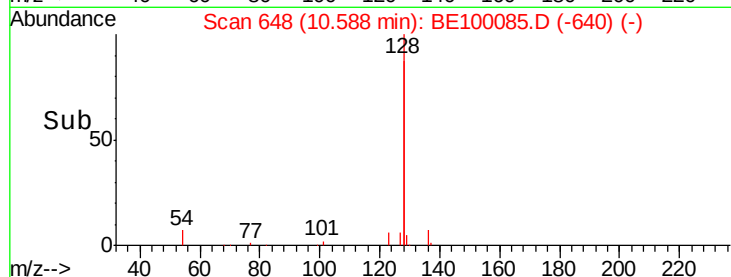
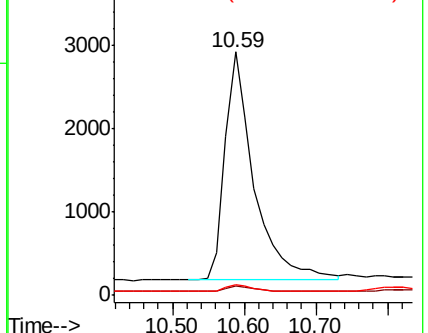
127 4.6 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.413 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

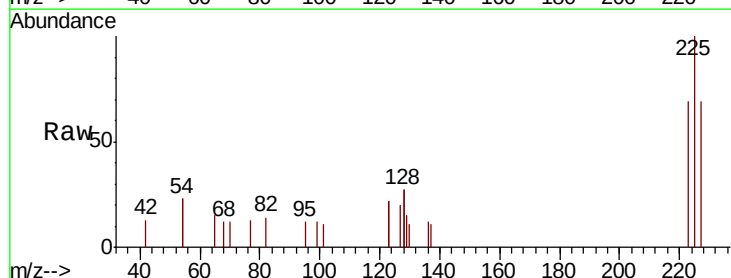
Tgt Ion:225 Resp: 776

Ion Ratio Lower Upper

225 100

223 66.1 52.2 78.4

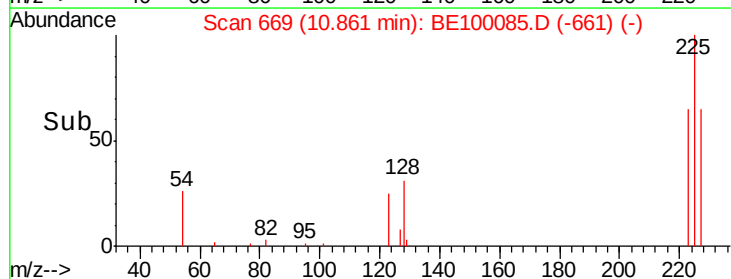
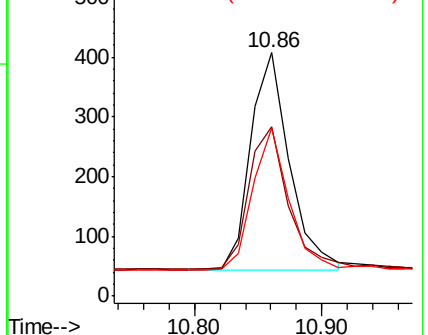
227 59.9 53.0 79.6

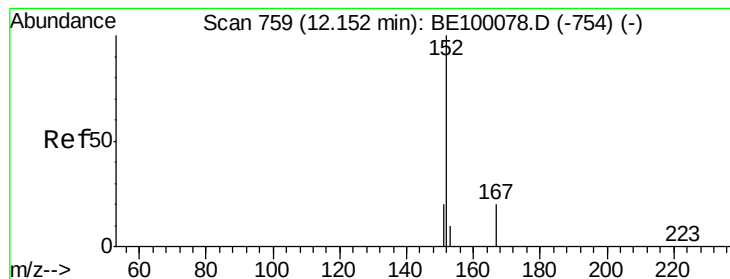


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

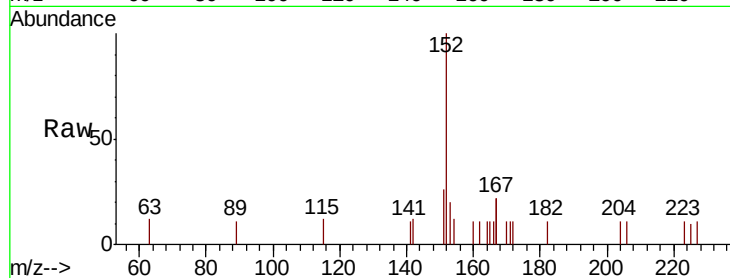
SSTDCCC0.4

Tot Ion:152 Resp: 1261

Ion Ratio Lower Upper

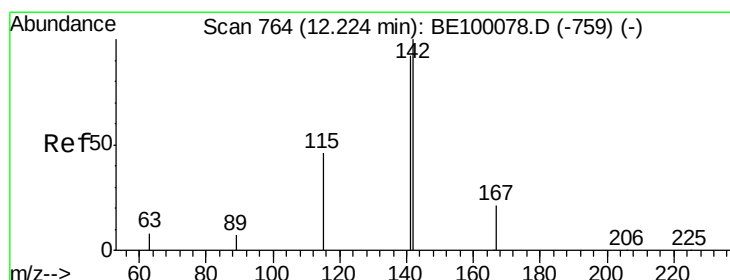
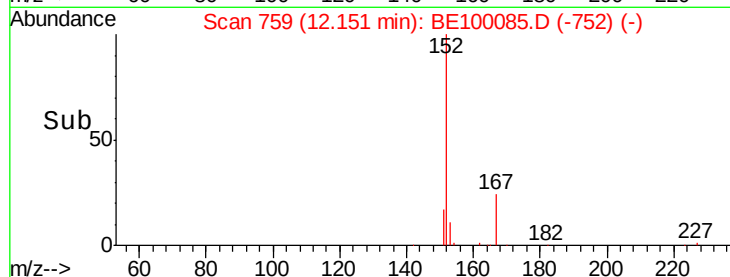
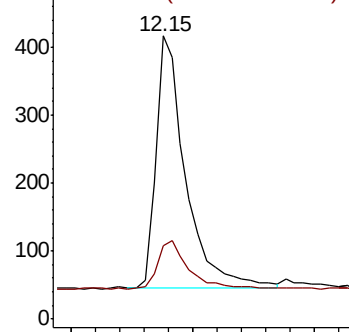
152 100

151 20.5 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

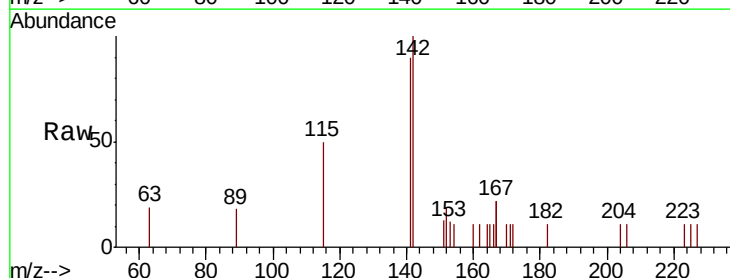
Tgt Ion:142 Resp: 1171

Ion Ratio Lower Upper

142 100

141 89.6 74.1 111.1

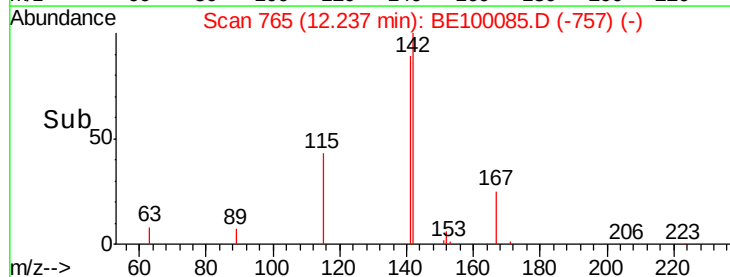
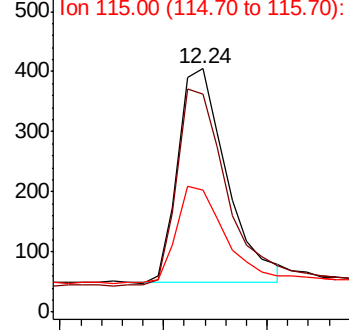
115 50.4 40.9 61.3

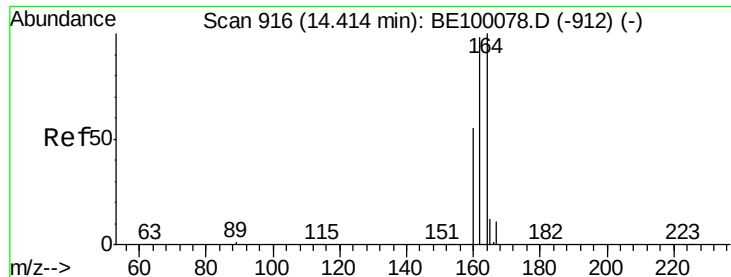


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

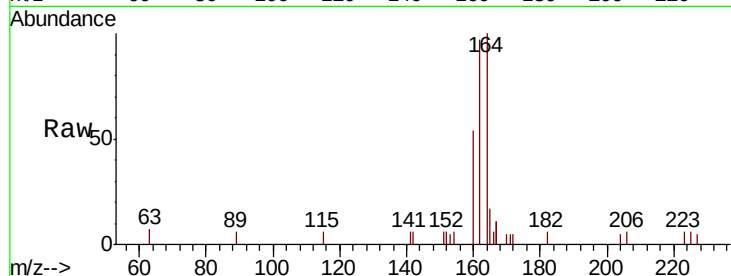




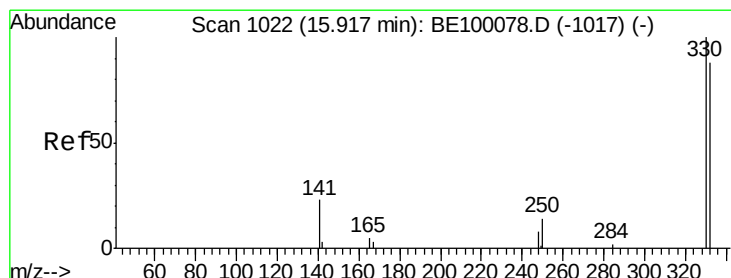
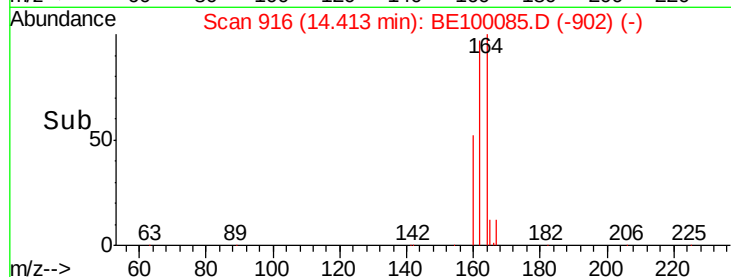
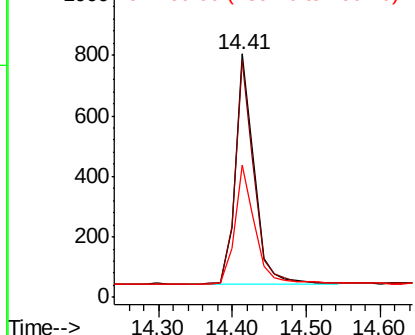
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100085.D
 Acq: 19 Jun 2019 16:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:164 Resp: 1346
 Ion Ratio Lower Upper
 164 100
 162 97.3 78.2 117.2
 160 54.4 45.6 68.4

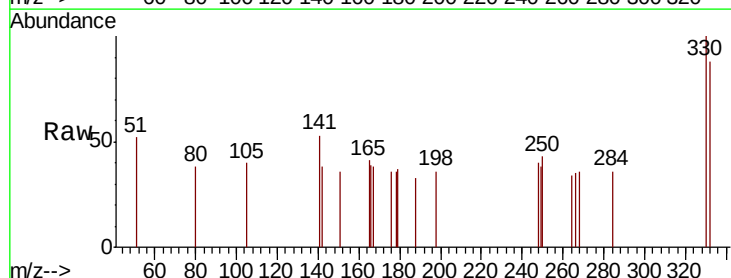


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

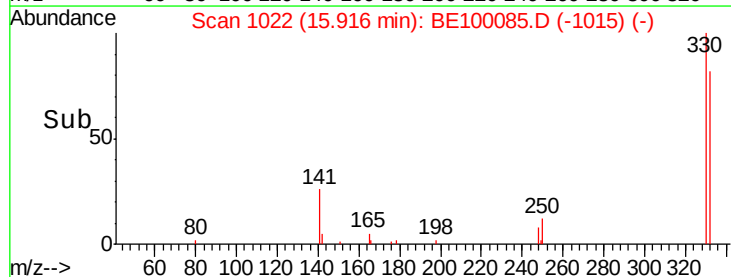
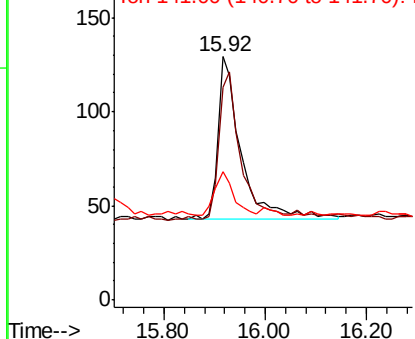


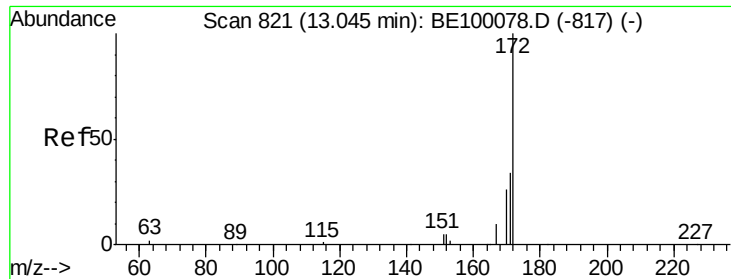
#14
 2,4,6-Tribromophenol
 Concen: 0.362 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BE100085.D
 Acq: 19 Jun 2019 16:14

Tgt Ion:330 Resp: 269
 Ion Ratio Lower Upper
 330 100
 332 83.3 73.3 109.9
 141 21.9 22.2 33.2#



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

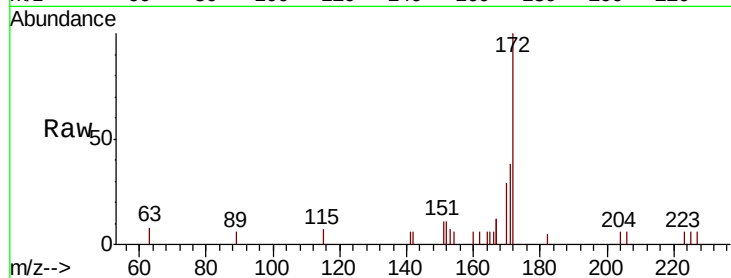




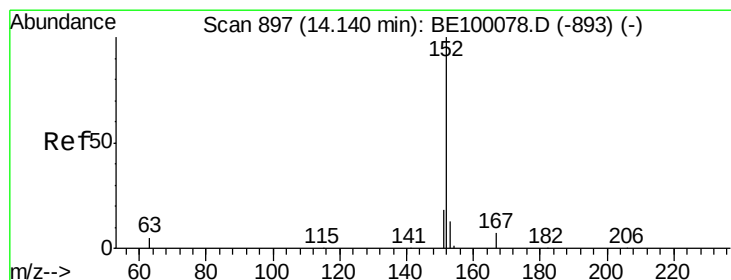
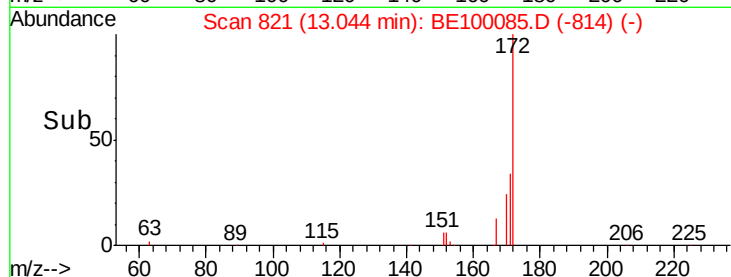
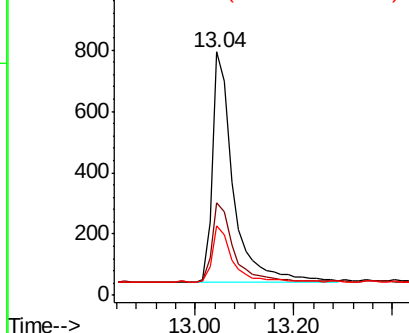
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 2163
Ion Ratio Lower Upper
172 100
171 38.2 29.8 44.8
170 28.6 23.2 34.8

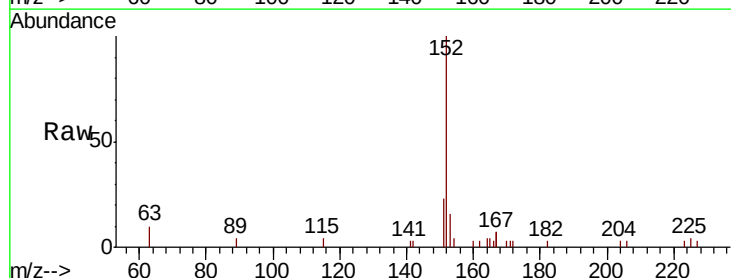


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

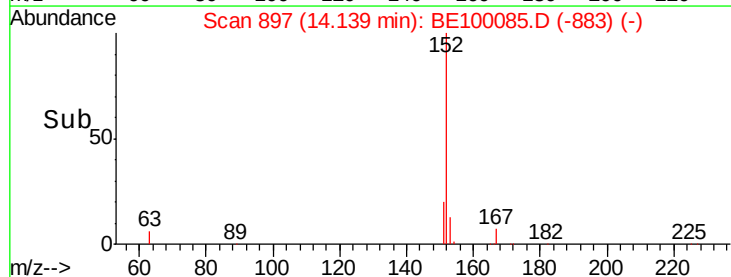
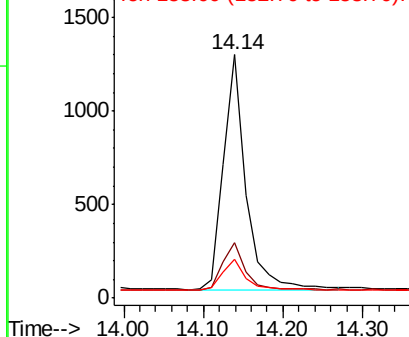


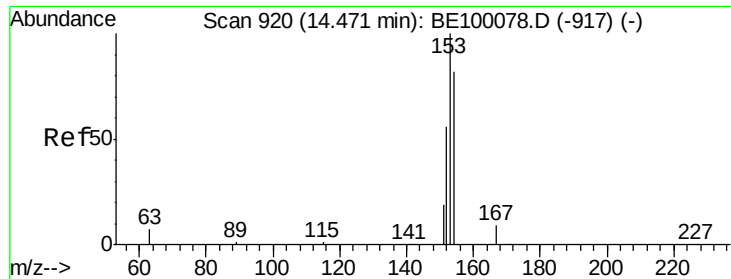
#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Tgt Ion:152 Resp: 2449
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.4 10.1 15.1



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

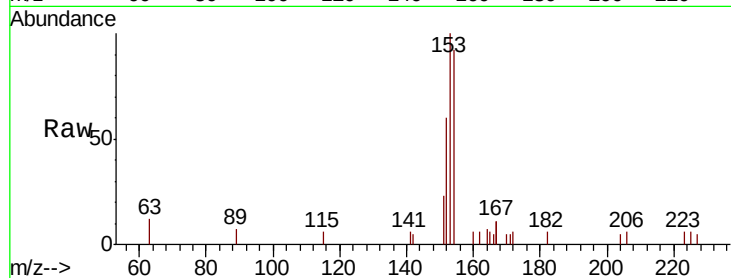




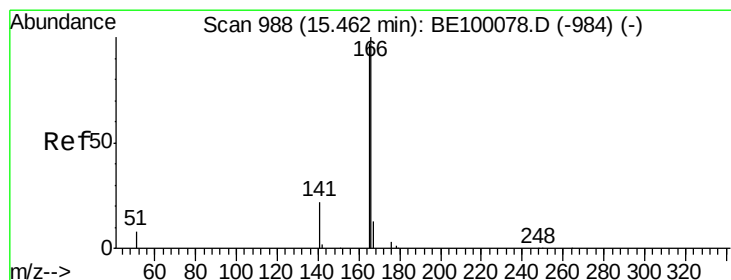
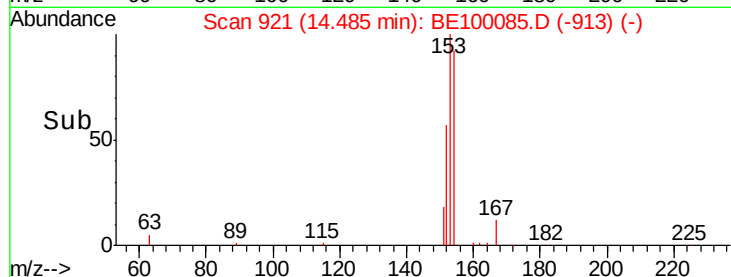
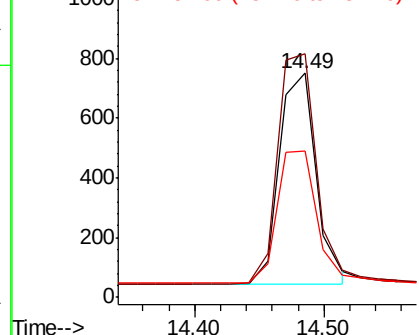
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 1406
Ion Ratio Lower Upper
154 100
153 114.9 95.5 143.3
152 66.8 54.9 82.3

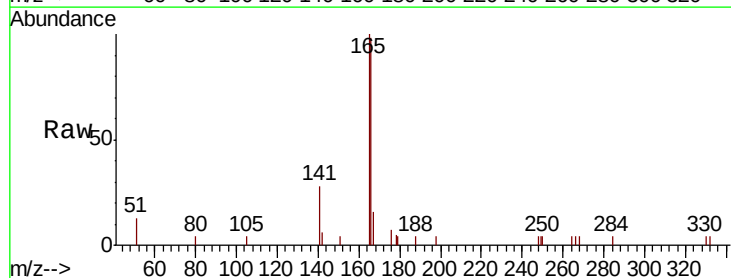


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

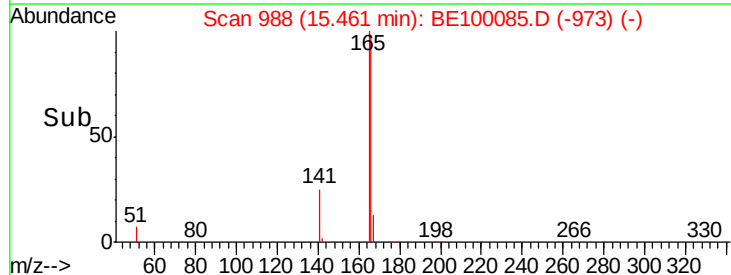
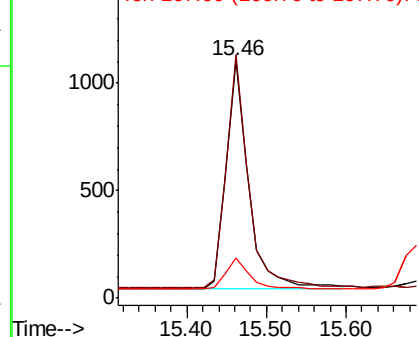


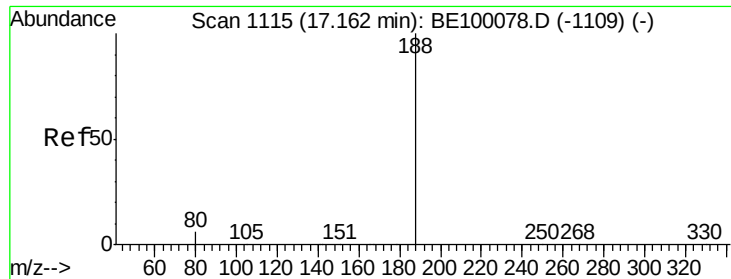
#18
Fluorene
Concen: 0.391 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Tgt Ion:166 Resp: 2081
Ion Ratio Lower Upper
166 100
165 100.9 79.8 119.8
167 14.4 10.2 15.4



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: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

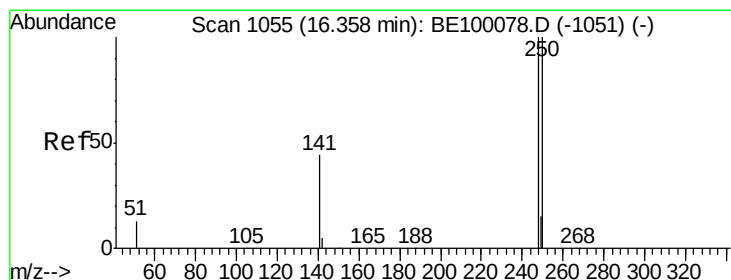
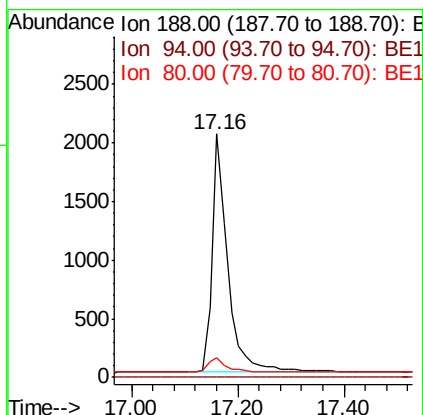
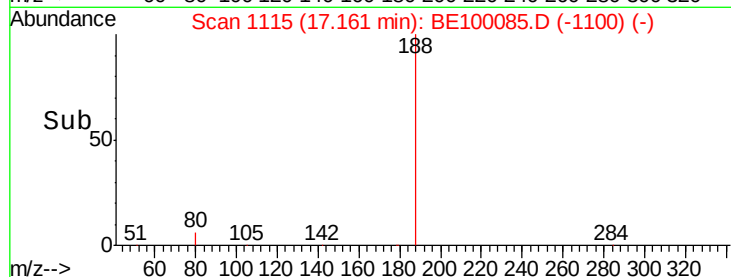
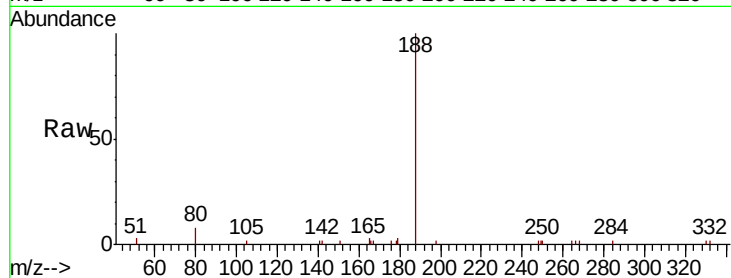
Tot Ion:188 Resp: 4113

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

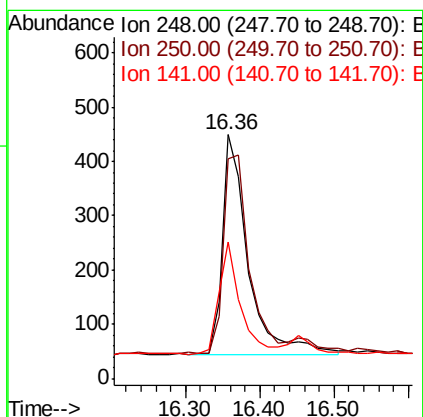
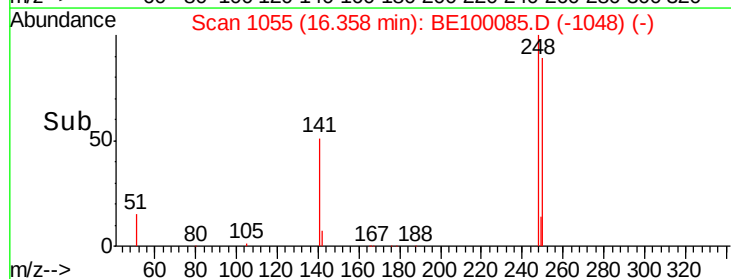
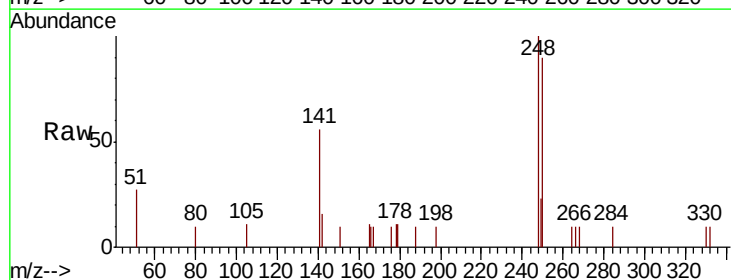
Tgt Ion:248 Resp: 977

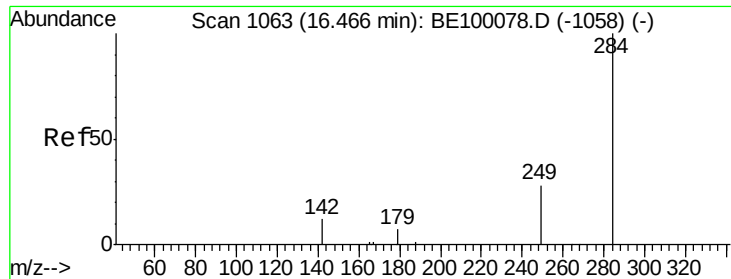
Ion Ratio Lower Upper

248 100

250 90.2 80.6 120.8

141 55.9 38.8 58.2

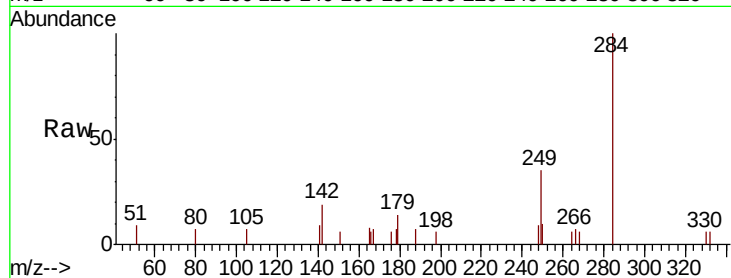




#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.46 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.0	20.7	31.1
249	31.8	26.6	39.8

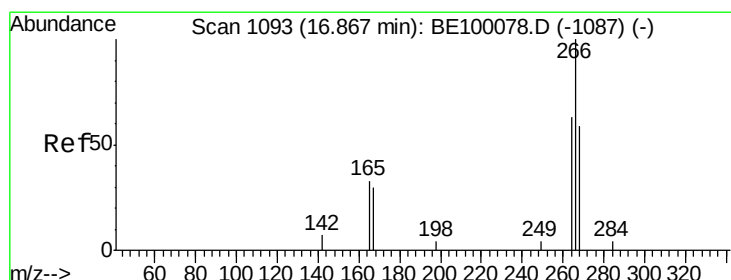
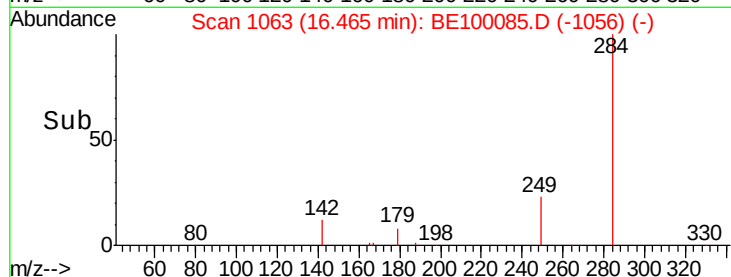
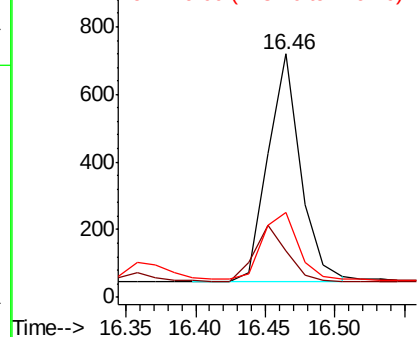


Abundance

Ion 283.80 (283.50 to 284.50): E

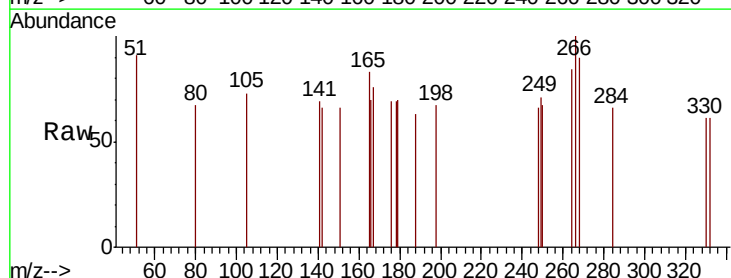
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.421 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	84.3	67.8	101.6
268	90.0	70.0	105.0

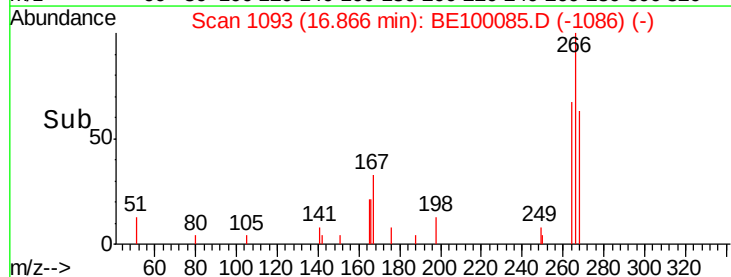
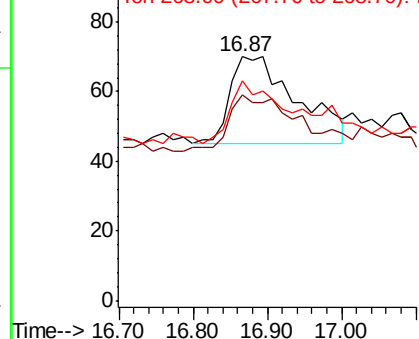


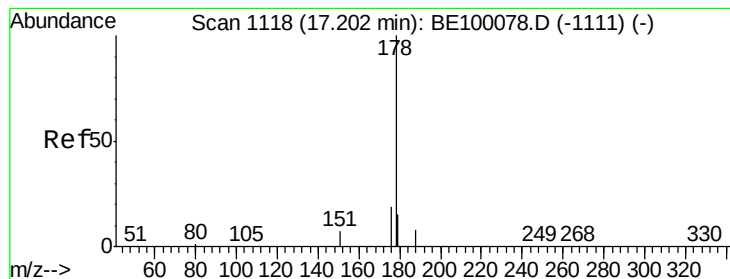
Abundance

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: 0.391 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

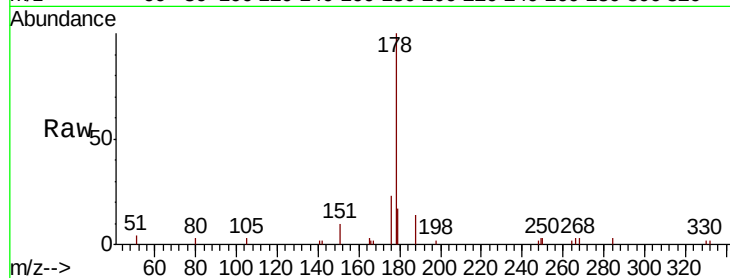
Tot Ion:178 Resp: 3856

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

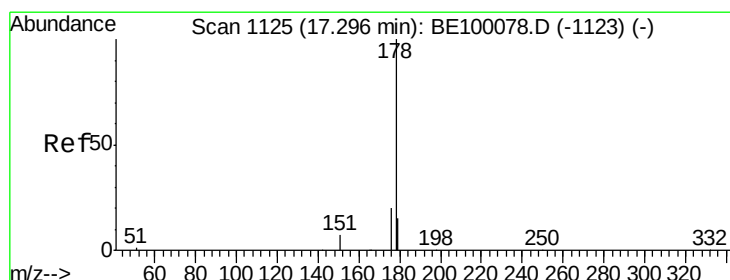
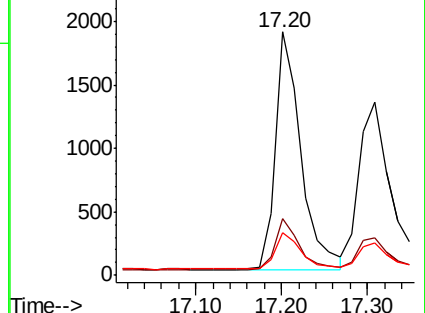
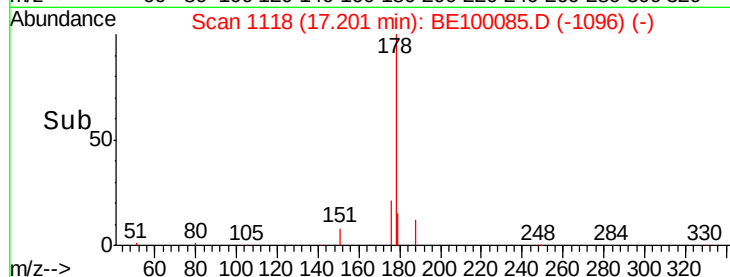
179 15.6 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.361 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

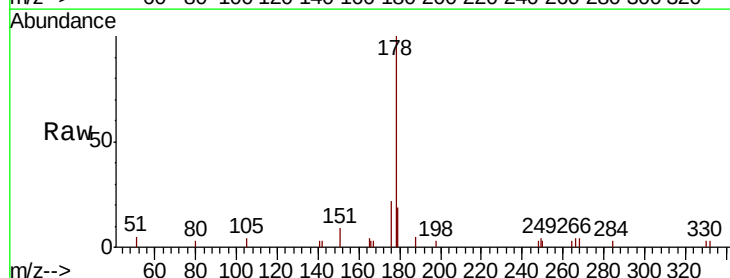
Tgt Ion:178 Resp: 3002

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

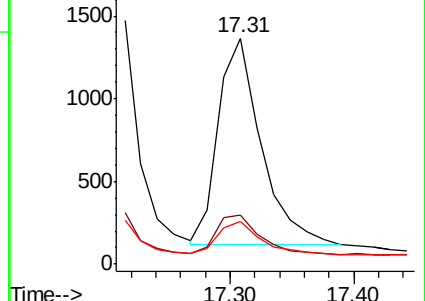
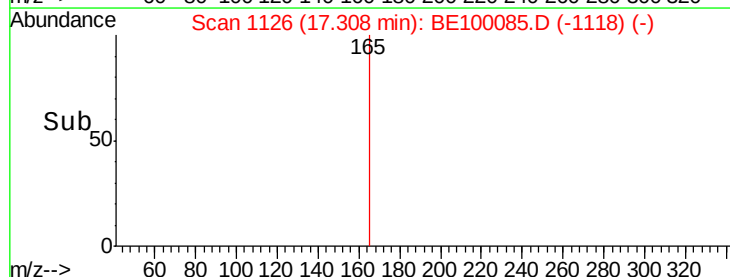
179 15.8 12.0 18.0

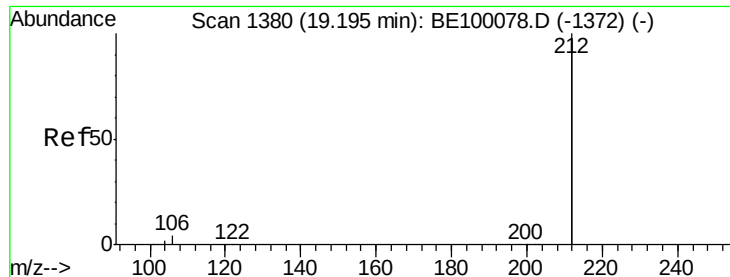


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

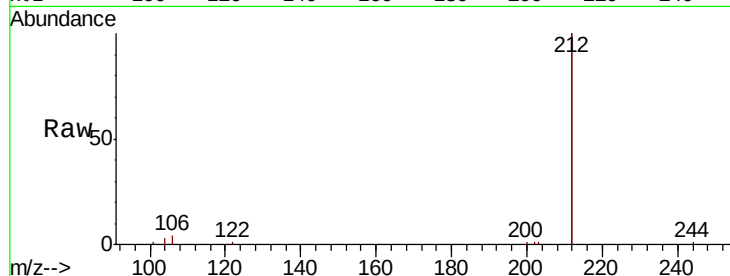
Tot Ion:212 Resp: 23387

Ion Ratio Lower Upper

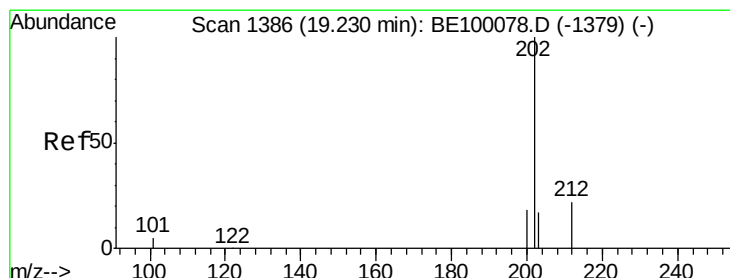
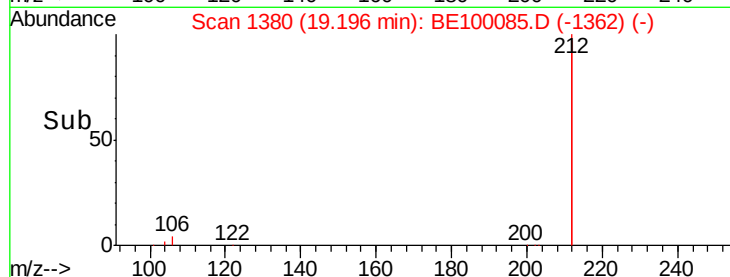
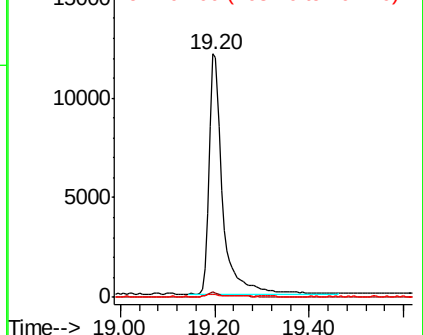
212 100

106 1.6 1.4 2.0

104 1.0 0.8 1.2



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: 0.396 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

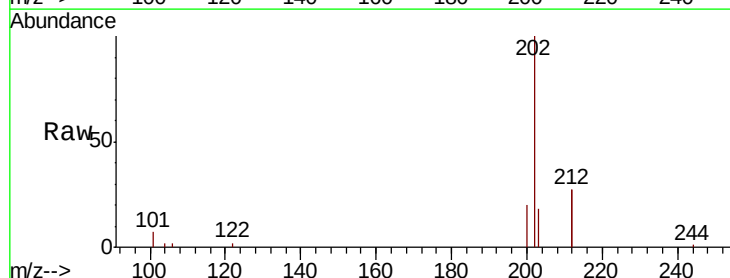
Tgt Ion:202 Resp: 6261

Ion Ratio Lower Upper

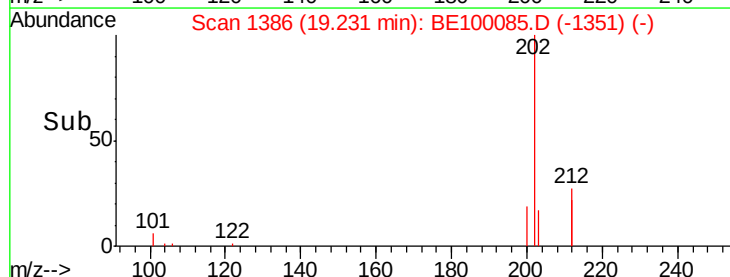
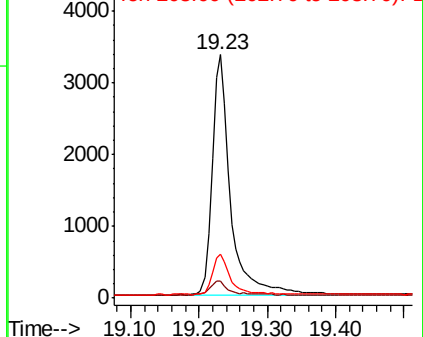
202 100

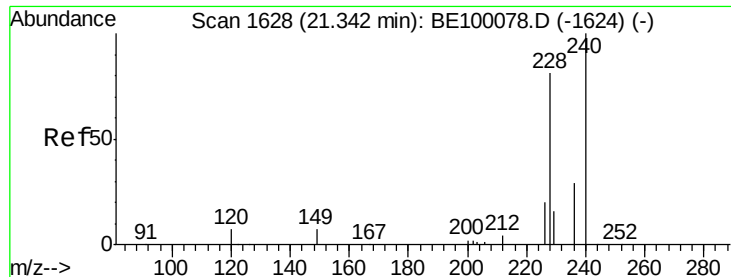
101 5.9 5.0 7.4

203 17.0 13.7 20.5



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

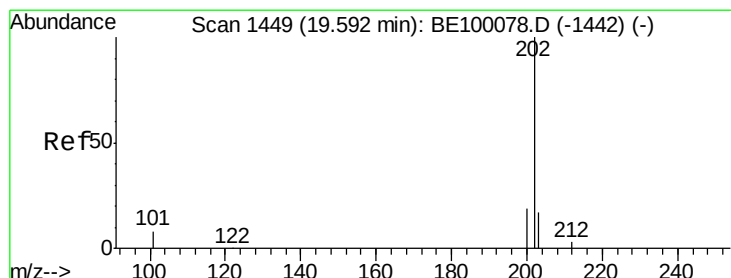
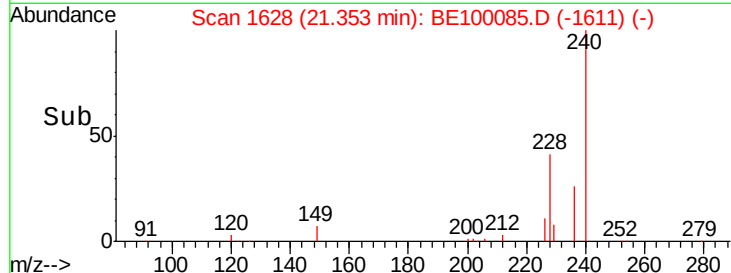
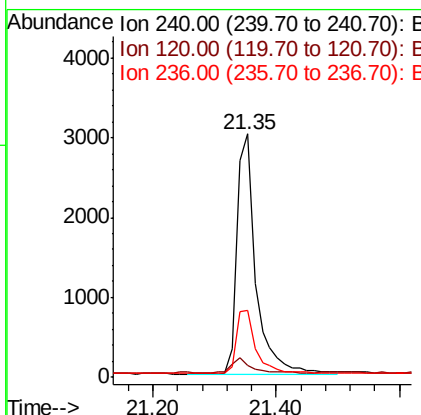
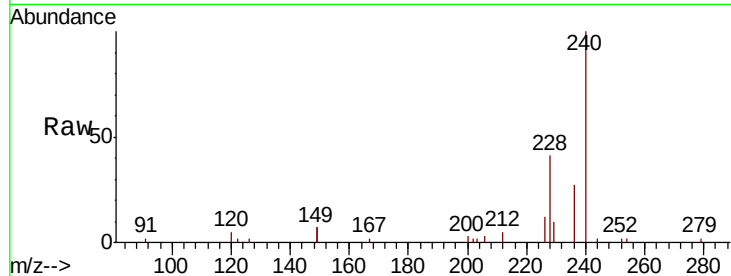




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: BE100085.D
 Acq: 19 Jun 2019 16:14

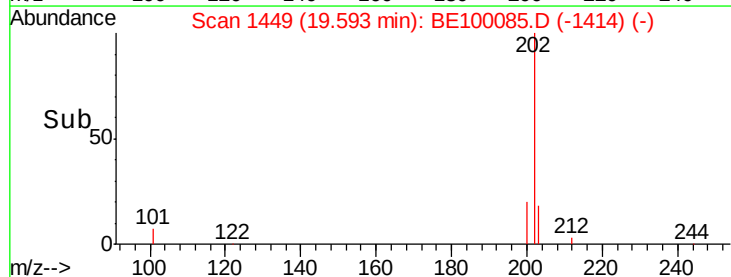
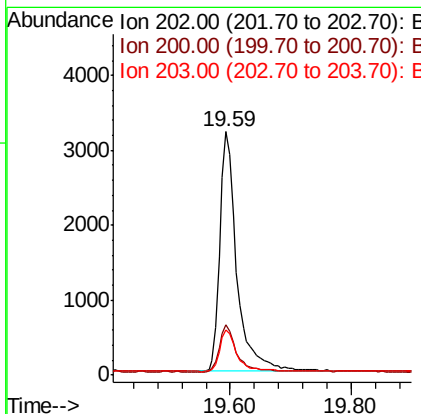
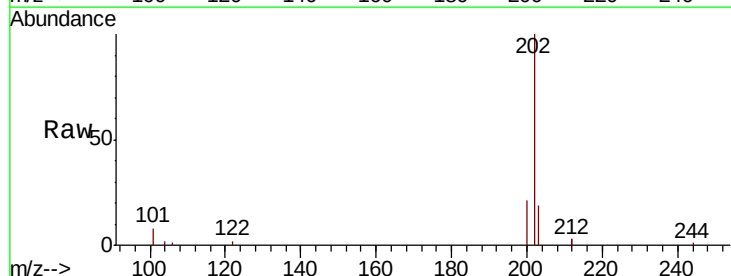
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

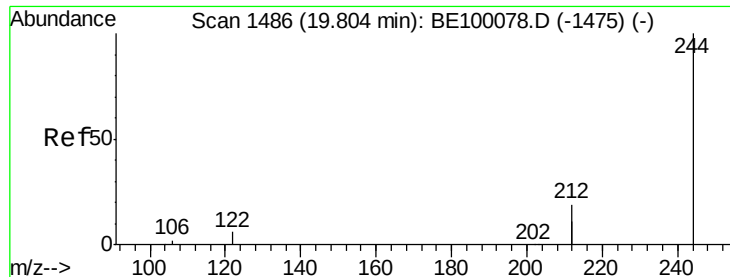
Tot Ion:240 Resp: 6258
 Ion Ratio Lower Upper
 240 100
 120 4.8 6.6 10.0#
 236 27.3 23.8 35.6



#28
 Pyrene
 Concen: 0.387 ng
 RT: 19.59 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BE100085.D
 Acq: 19 Jun 2019 16:14

Tgt Ion:202 Resp: 6227
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.6 23.4
 203 17.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.81 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

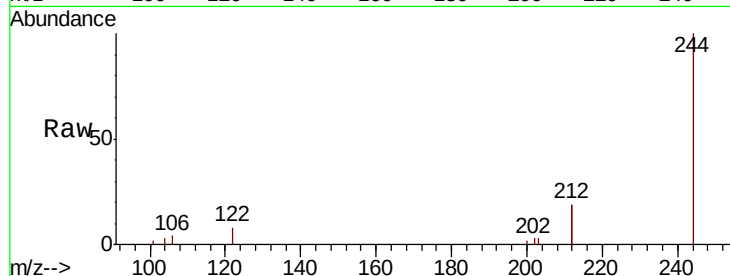
Tot Ion:244 Resp: 4879

Ion Ratio Lower Upper

244 100

212 37.6 29.8 44.8

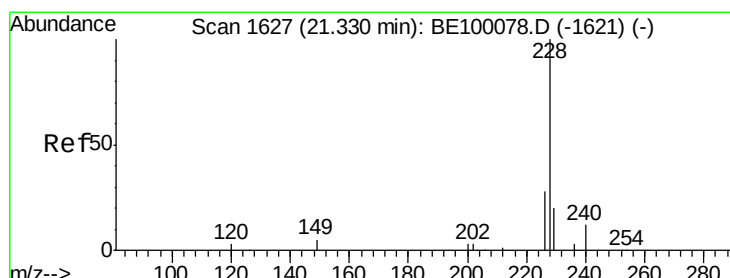
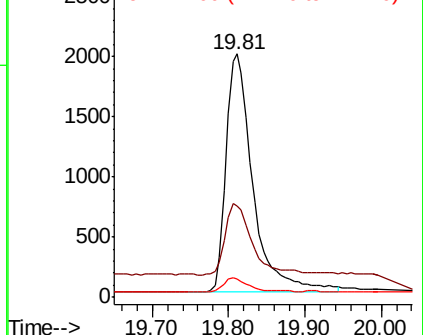
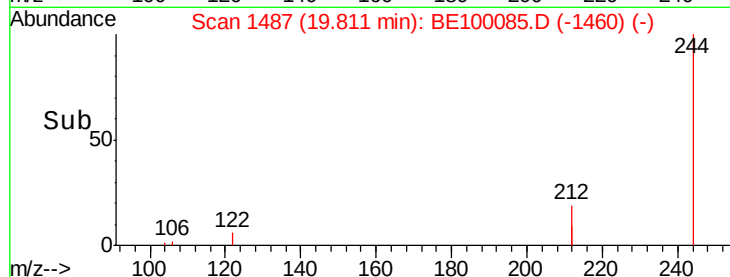
122 7.7 6.1 9.1



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: 0.385 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

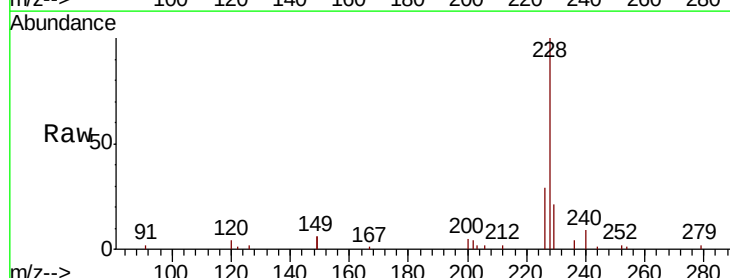
Tgt Ion:228 Resp: 7166

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.4

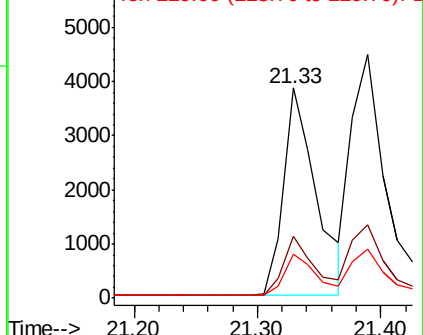
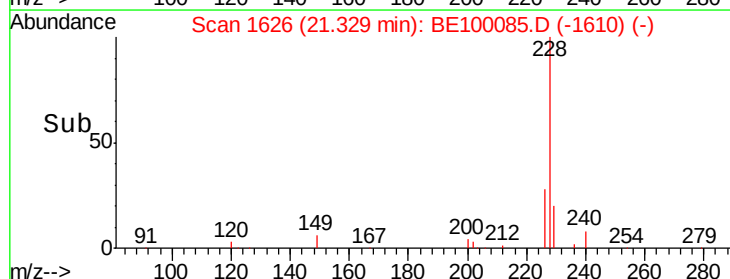
229 20.7 16.4 24.6

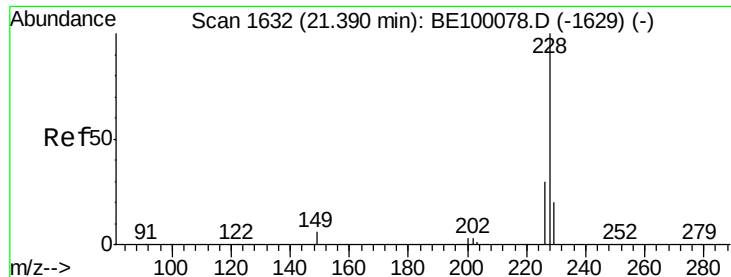


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

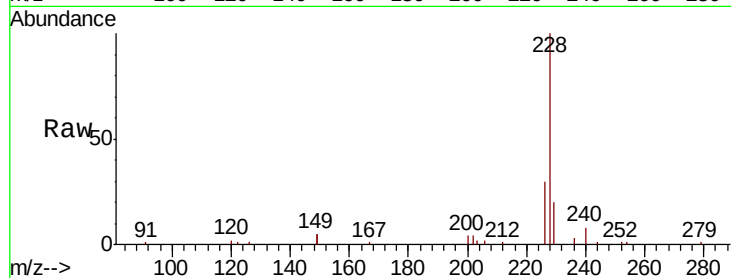
Tot Ion:228 Resp: 8522

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

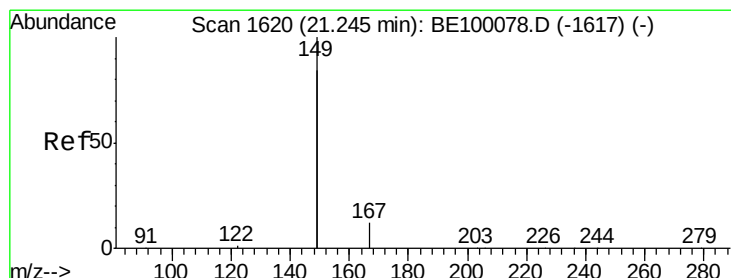
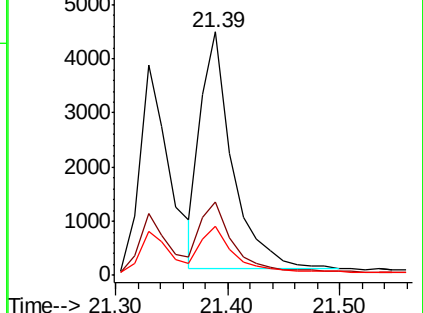
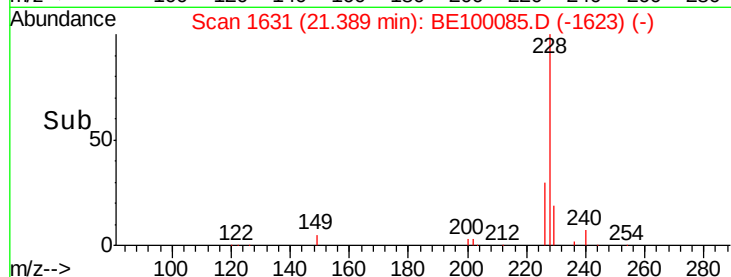
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.316 ng

RT: 21.26 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

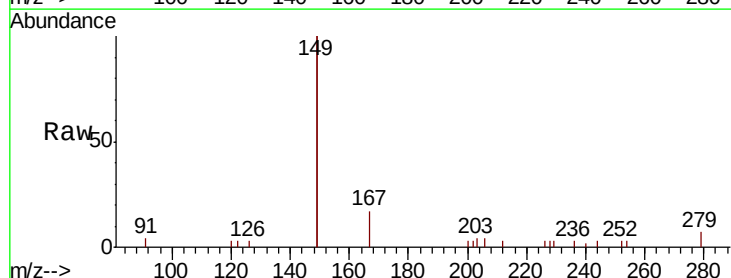
Tgt Ion:149 Resp: 5557

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

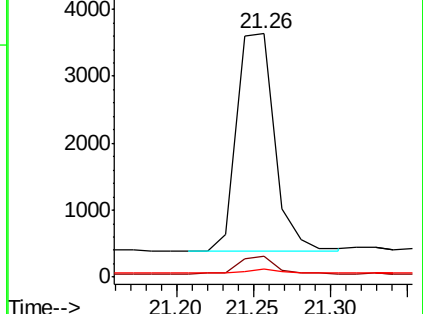
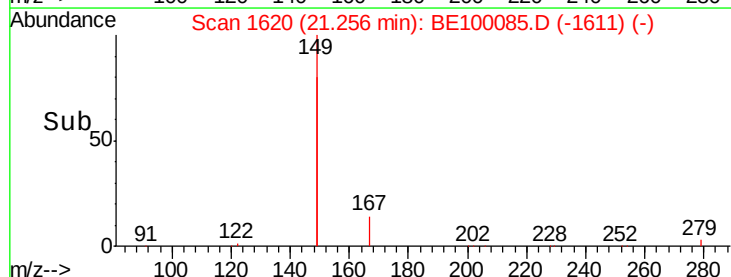
279 1.8 1.1 1.7#

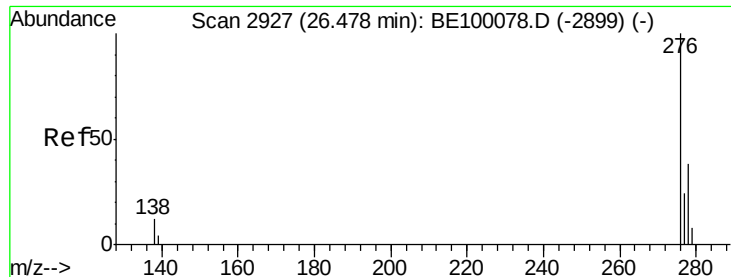


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.390 ng

RT: 26.48 min Scan# 2927

Delta R.T. 0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

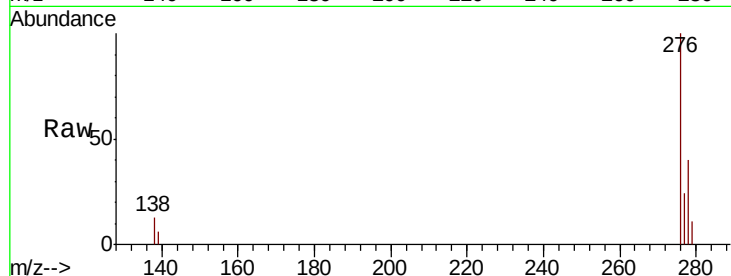
Tot Ion:276 Resp: 9497

Ion Ratio Lower Upper

276 100

138 12.7 4.3 6.5#

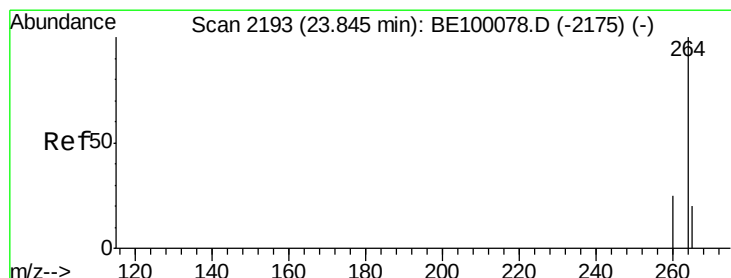
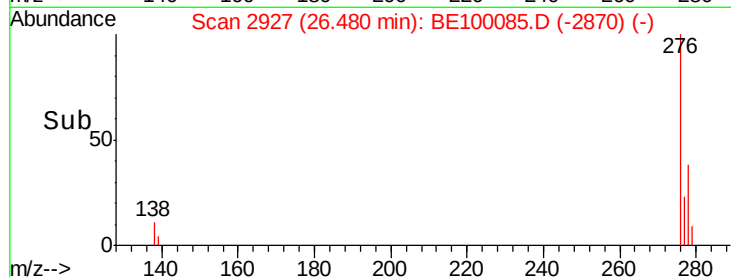
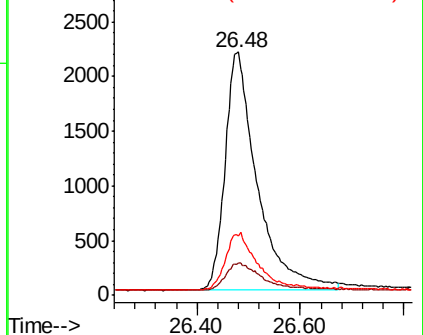
277 23.3 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

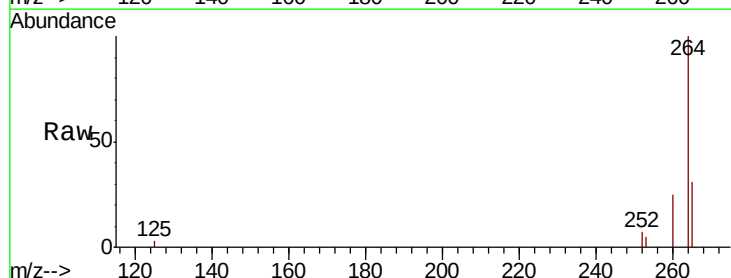
Tgt Ion:264 Resp: 6864

Ion Ratio Lower Upper

264 100

260 25.4 20.8 31.2

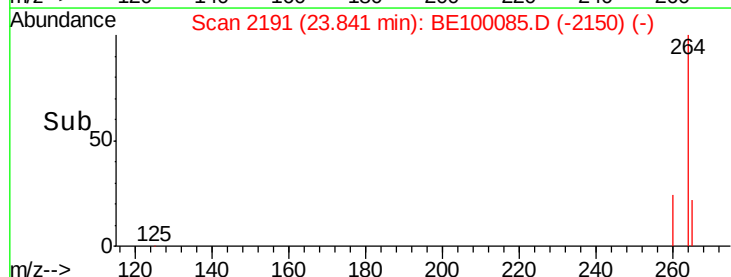
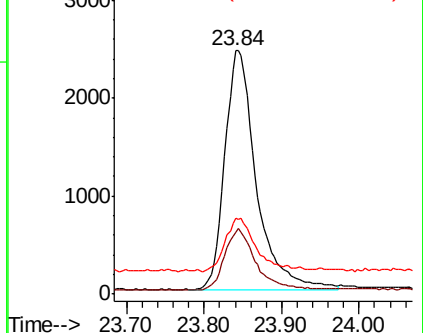
265 30.9 23.2 34.8

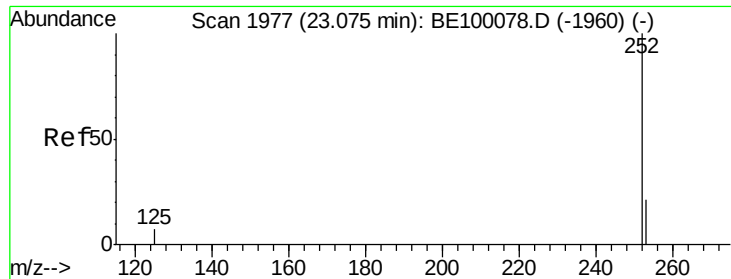


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.384 ng

RT: 23.07 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

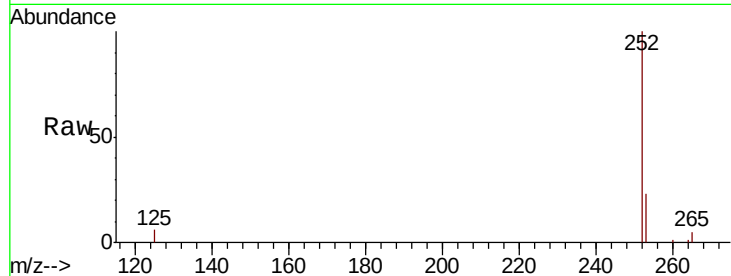
Tot Ion:252 Resp: 7732

Ion Ratio Lower Upper

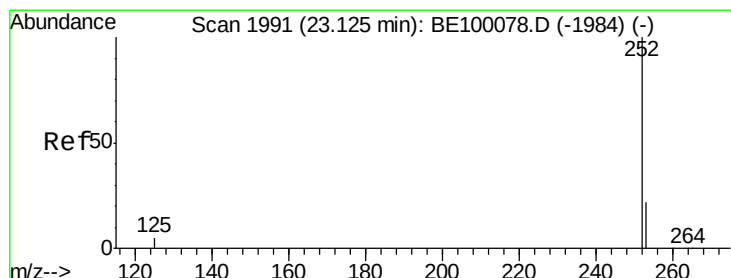
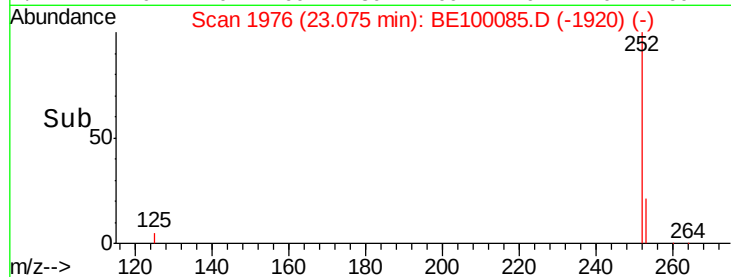
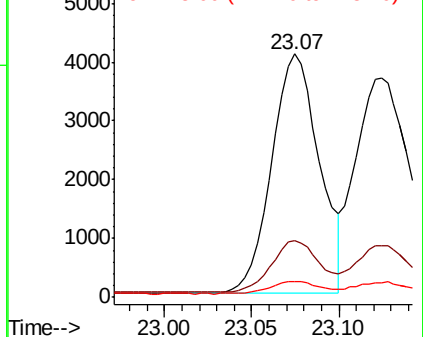
252 100

253 23.3 18.4 27.6

125 6.5 6.4 9.6



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



#36

Benzo(k)fluoranthene

Concen: 0.403 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

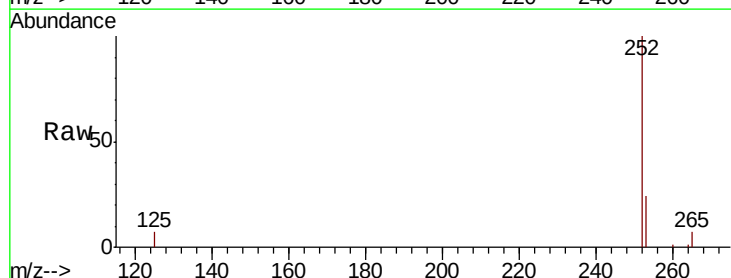
Tgt Ion:252 Resp: 9237

Ion Ratio Lower Upper

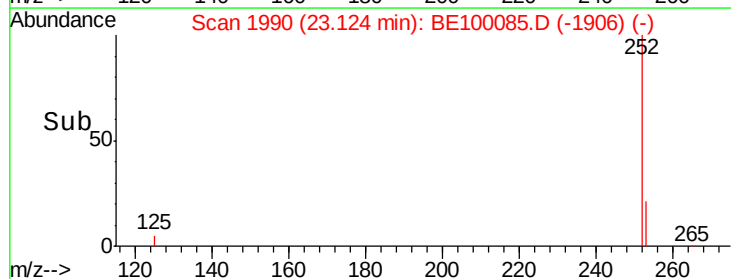
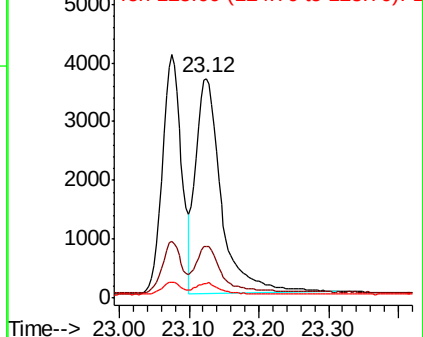
252 100

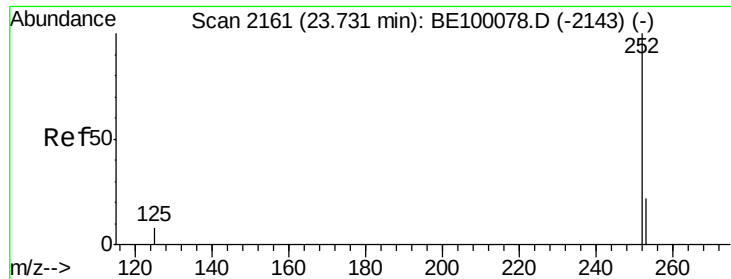
253 23.7 18.9 28.3

125 6.8 5.3 7.9



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

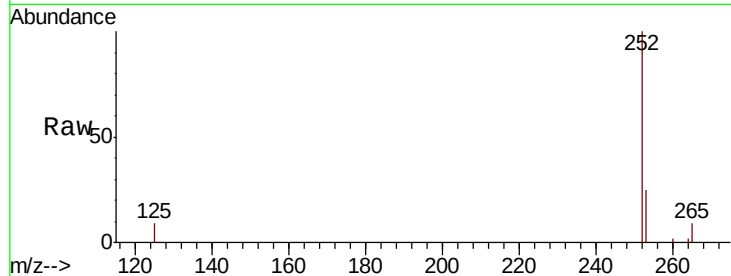




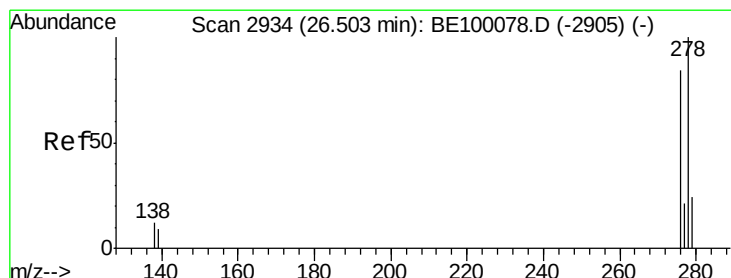
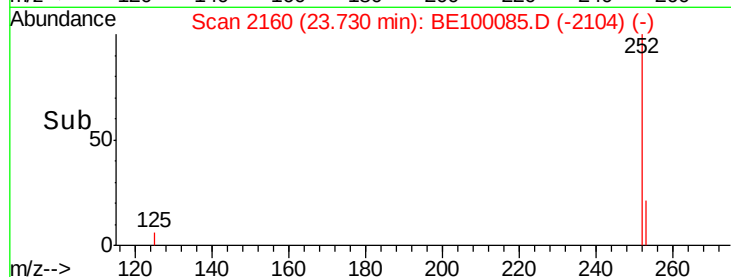
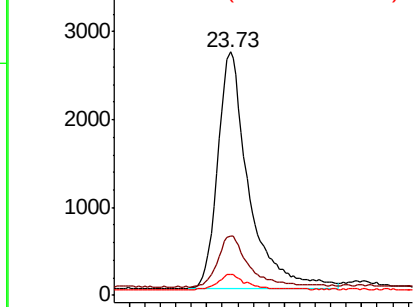
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 7519
Ion Ratio Lower Upper
252 100
253 24.5 19.4 29.2
125 8.5 8.0 12.0

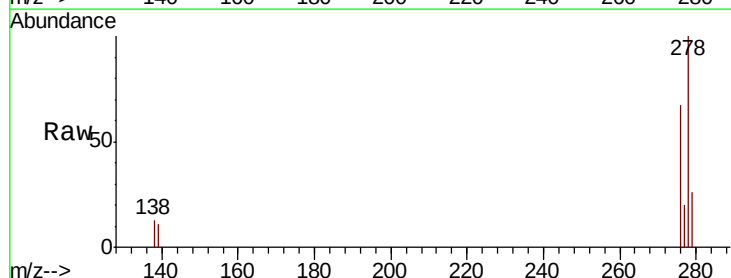


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

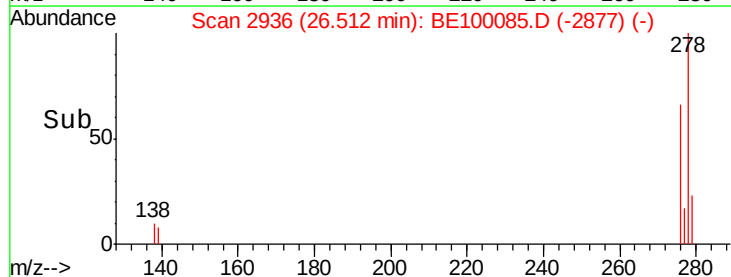
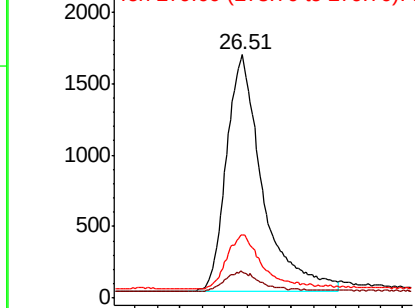


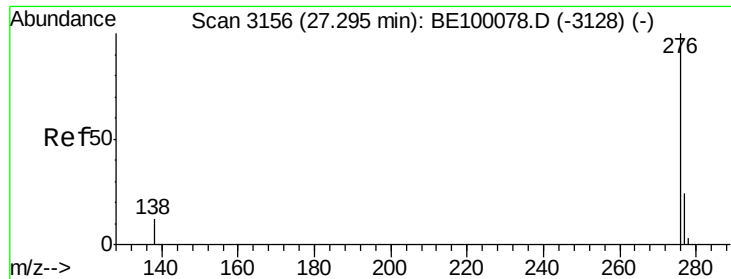
#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 26.51 min Scan# 2936
Delta R.T. 0.01 min
Lab File: BE100085.D
Acq: 19 Jun 2019 16:14

Tgt Ion:278 Resp: 7487
Ion Ratio Lower Upper
278 100
139 10.6 9.0 13.6
279 26.0 21.4 32.0



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: 0.391 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE100085.D

Acq: 19 Jun 2019 16:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

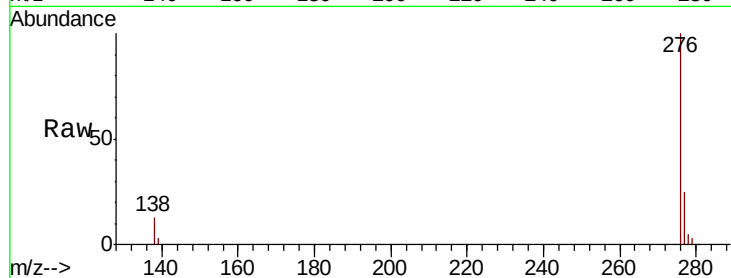
Tot Ion:276 Resp: 8104

Ion Ratio Lower Upper

276 100

277 25.1 20.3 30.5

138 12.6 11.3 16.9



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

