

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
 Data File : BE100131.D
 Acq On : 21 Jun 2019 7:46
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 21 12:11:53 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	7.72	152	476	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	1942	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1892	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	6390	0.40	ng	0.00
27) Chrysene-d12	21.34	240	8079	0.40	ng	0.00
34) Perylene-d12	23.85	264	7963	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	633	0.64	ng	0.00
5) Phenol-d6	6.94	99	763	0.56	ng	0.01
8) Nitrobenzene-d5	8.91	82	687	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	1579	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	150	0.14	ng	0.01
15) 2-Fluorobiphenyl	13.04	172	2868	0.39	ng	0.00
25) Fluoranthene-d10	19.19	212	34467	0.38	ng	0.00
29) Terphenyl-d14	19.80	244	7090	0.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	284	0.372	ng	# 92
3) n-Nitrosodimethylamine	3.56	42	164	0.668	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	489	0.383	ng	78
9) Naphthalene	10.59	128	8468	0.401	ng	100
10) Hexachlorobutadiene	10.85	225	701	0.338	ng	99
12) 2-Methylnaphthalene	12.22	142	1559	0.449	ng	93
16) Acenaphthylene	14.14	152	3726	0.415	ng	99
17) Acenaphthene	14.47	154	2109	0.420	ng	95
18) Fluorene	15.46	166	3184	0.426	ng	98
20) 4-Bromophenyl-phenylether	16.36	248	1531	0.403	ng	95
21) Hexachlorobenzene	16.45	284	1583	0.378	ng	97
22) Pentachlorophenol	16.93	266	59	0.286	ng	98
23) Phenanthrene	17.20	178	6039	0.394	ng	98
24) Anthracene	17.30	178	5009	0.388	ng	98
26) Fluoranthene	19.22	202	9161	0.373	ng	99
28) Pyrene	19.59	202	9435	0.454	ng	100
30) Benzo(a)anthracene	21.33	228	10224	0.425	ng	98
31) Chrysene	21.39	228	10730	0.384	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	11784	0.520	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	6545	0.208	ng	# 71
35) Benzo(b)fluoranthene	23.08	252	8263	0.354	ng	97
36) Benzo(k)fluoranthene	23.13	252	11656	0.438	ng	98
37) Benzo(a)pyrene	23.74	252	8571	0.380	ng	96
38) Dibenzo(a,h)anthracene	26.53	278	4539	0.196	ng	# 91
39) Benzo(g,h,i)perylene	27.31	276	5743	0.239	ng	94

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

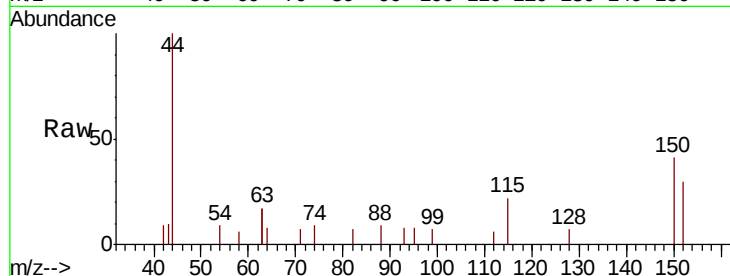


#1

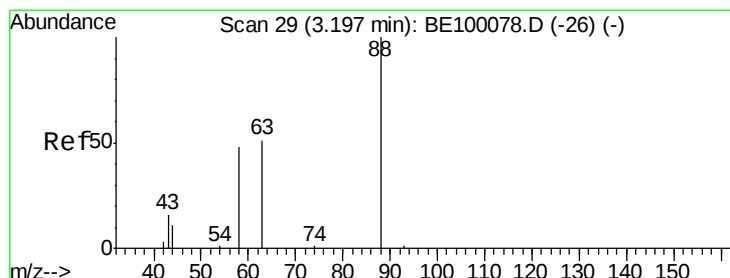
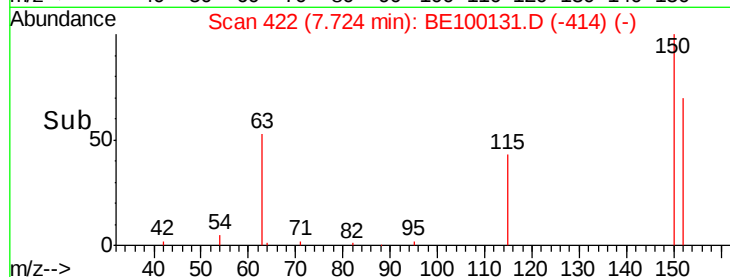
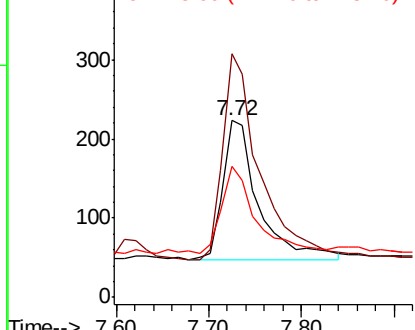
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 476
Ion Ratio Lower Upper
152 100
150 137.7 99.8 149.8
115 74.0 51.3 76.9



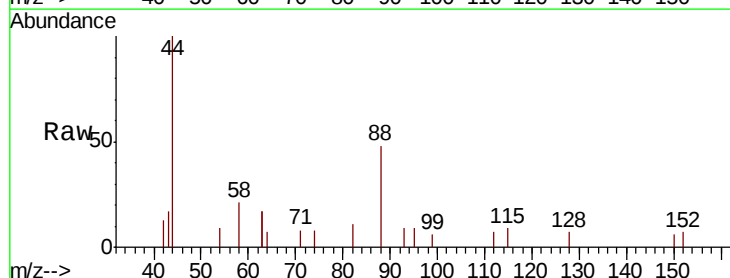
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



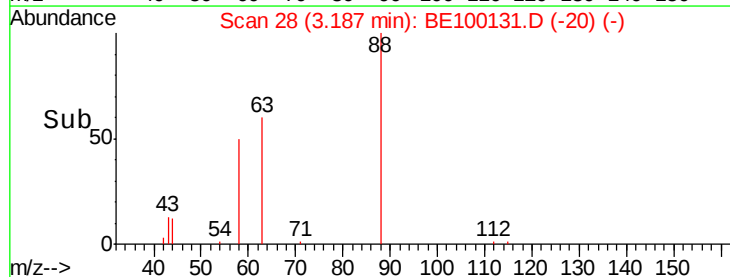
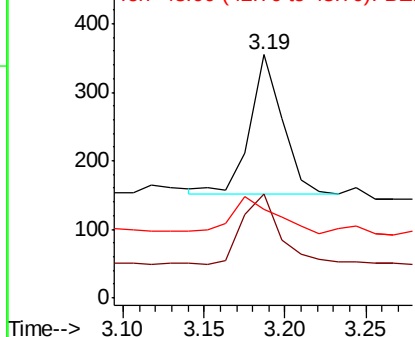
#2

1,4-Dioxane
Concen: 0.372 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Tgt Ion: 88 Resp: 284
Ion Ratio Lower Upper
88 100
58 59.9 51.1 76.7
43 34.5 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: 0.668 ng

RT: 3.56 min Scan# 60

Delta R.T. -0.04 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

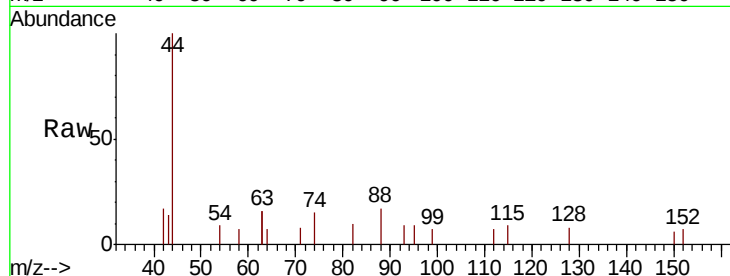
Tot Ion: 42 Resp: 164

Ion Ratio Lower Upper

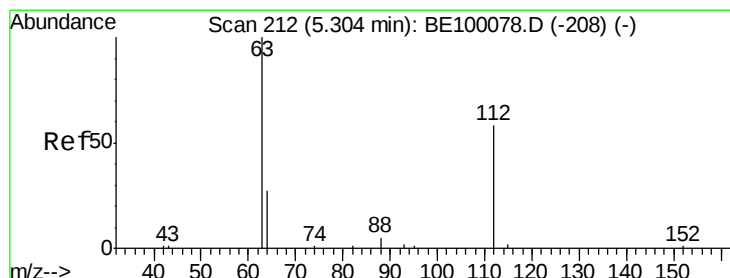
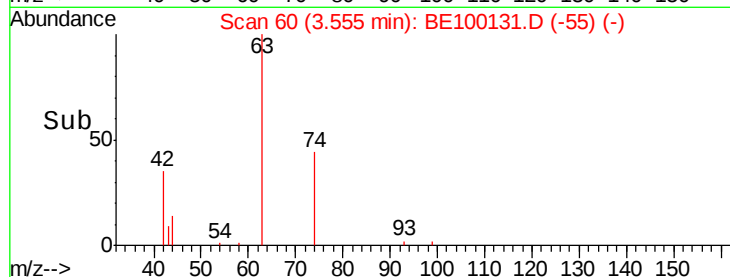
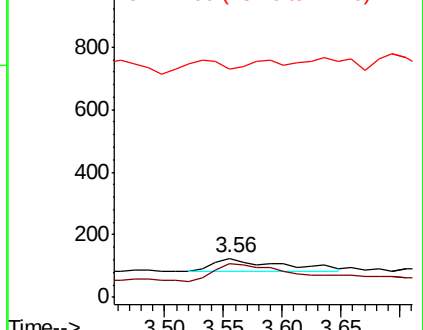
42 100

74 141.5 0.0 0.0#

44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.641 ng

RT: 5.31 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

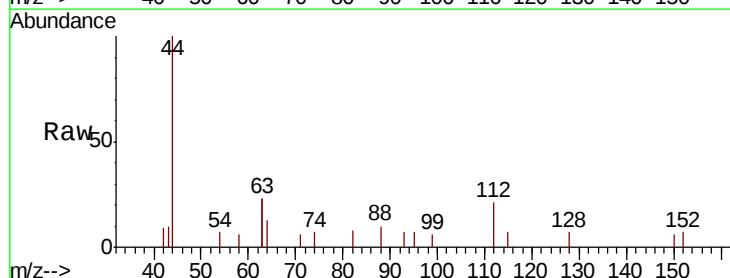
Tgt Ion: 112 Resp: 633

Ion Ratio Lower Upper

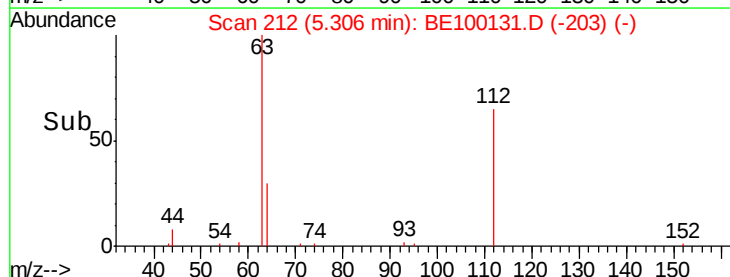
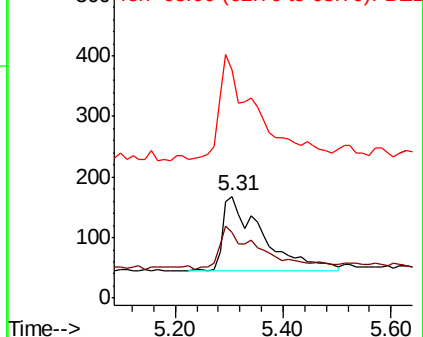
112 100

64 55.5 22.0 33.0#

63 128.4 121.8 182.6



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: 0.563 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

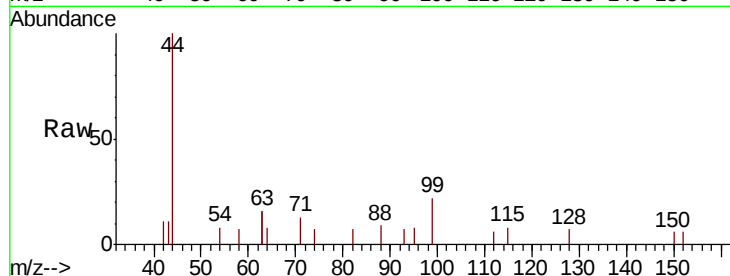
Tot Ion: 99 Resp: 763

Ion Ratio Lower Upper

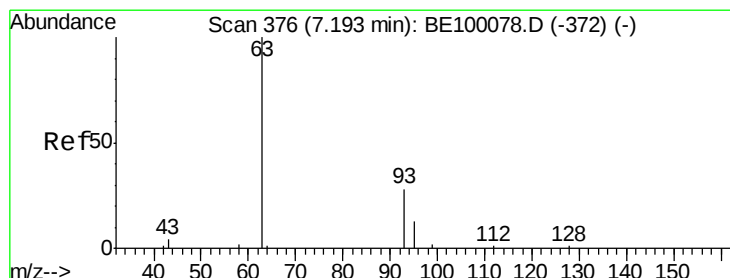
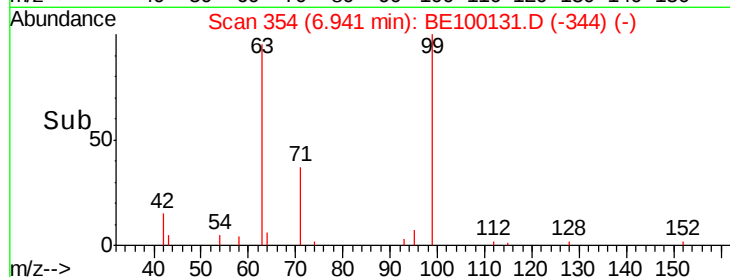
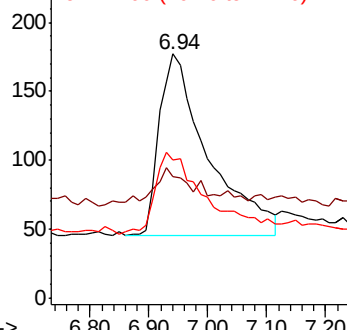
99 100

42 13.8 0.0 0.0#

71 48.5 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



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

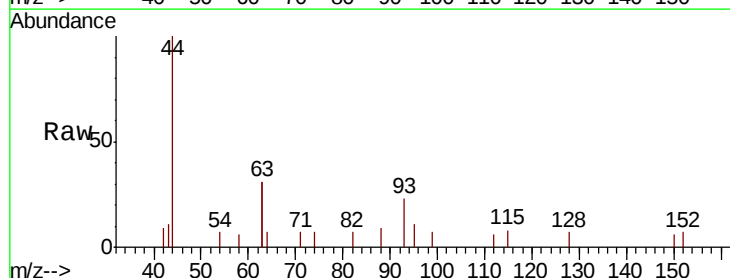
Tgt Ion: 93 Resp: 489

Ion Ratio Lower Upper

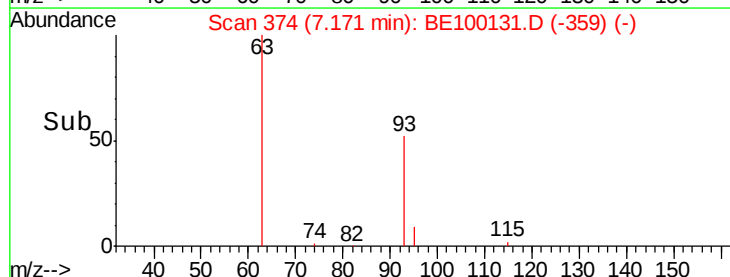
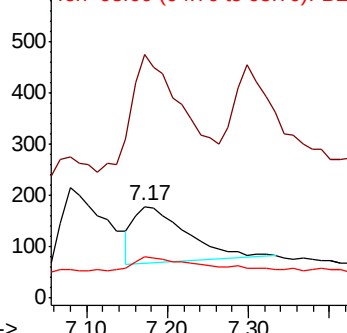
93 100

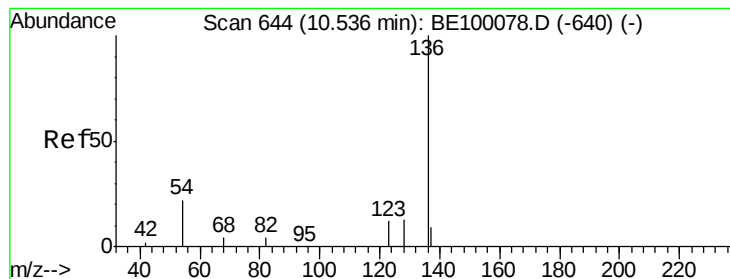
63 208.6 200.0 300.0

95 27.4 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 1942

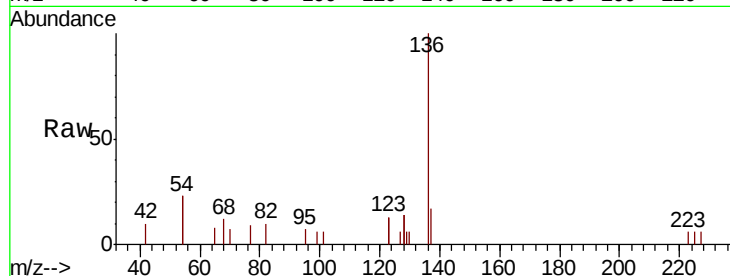
Ion Ratio Lower Upper

136 100

137 16.7 11.6 17.4

54 46.4 33.9 50.9

68 11.5 7.8 11.8

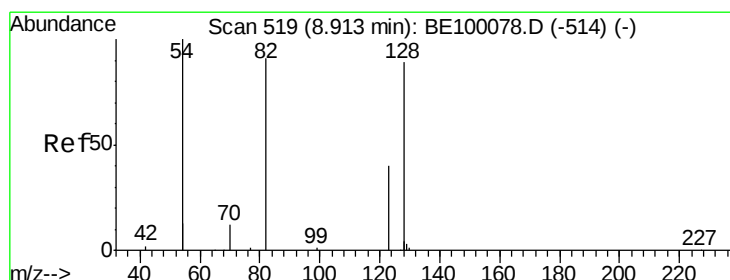
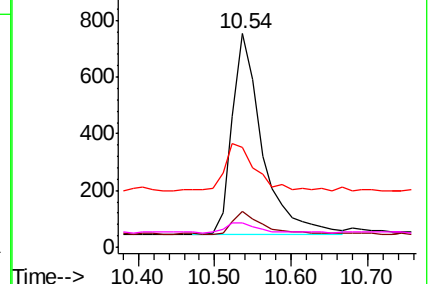
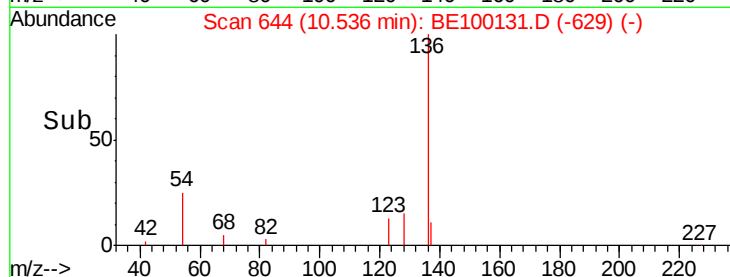


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

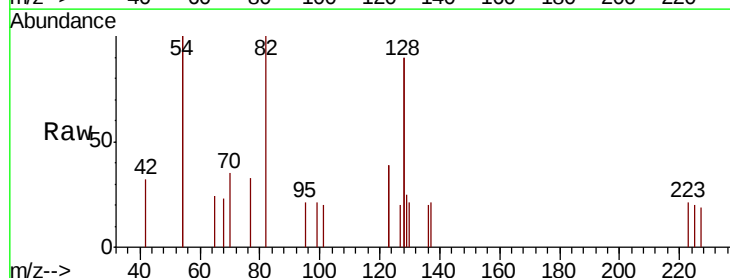
Tgt Ion: 82 Resp: 687

Ion Ratio Lower Upper

82 100

128 180.1 128.0 192.0

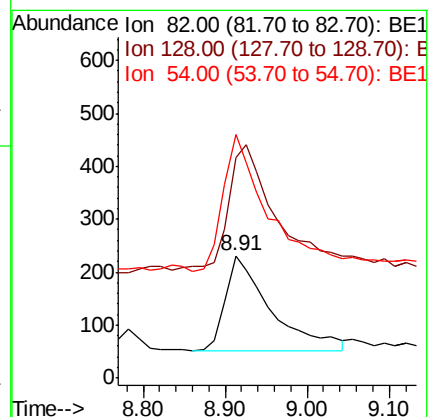
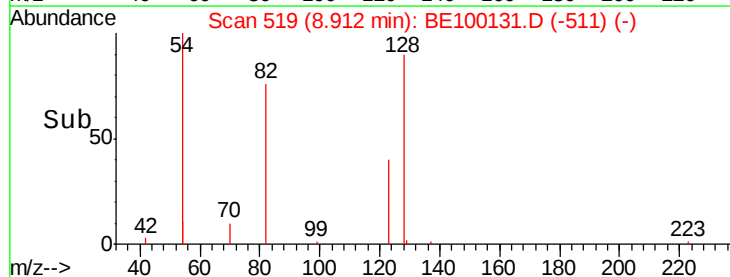
54 199.1 143.4 215.0

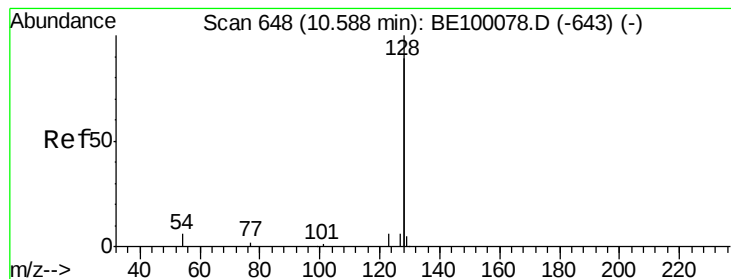


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.401 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

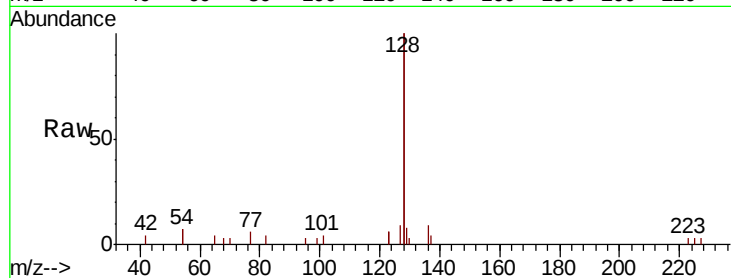
Tot Ion:128 Resp: 8468

Ion Ratio Lower Upper

128 100

129 3.9 3.1 4.7

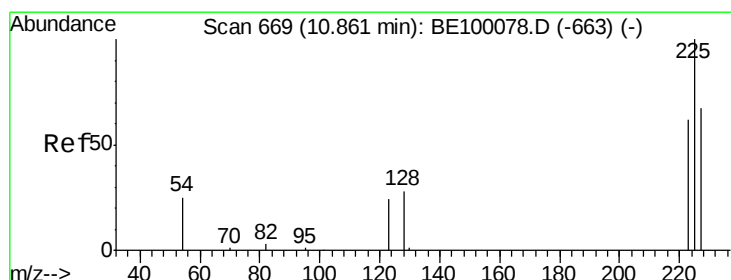
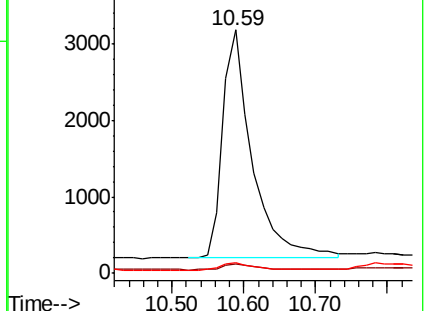
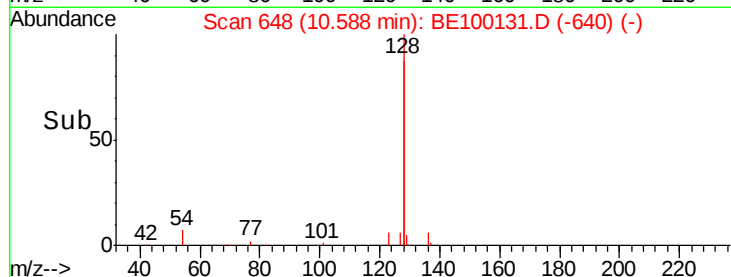
127 4.5 3.4 5.2



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: 0.338 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

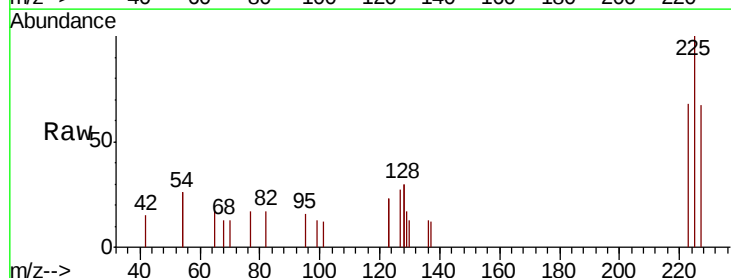
Tgt Ion:225 Resp: 701

Ion Ratio Lower Upper

225 100

223 64.2 52.2 78.4

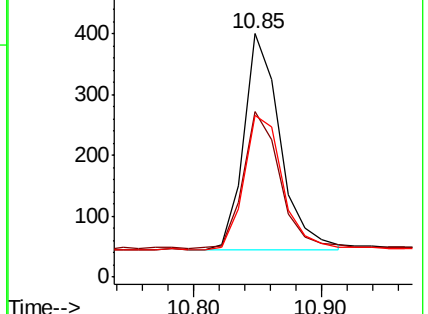
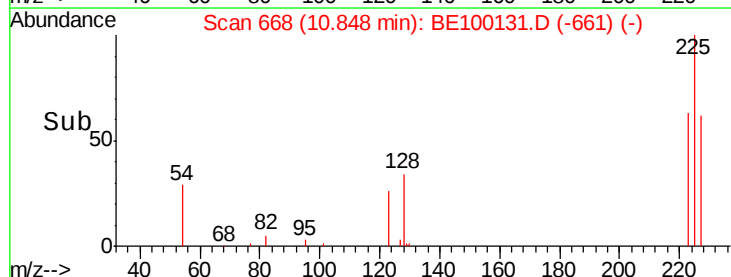
227 66.8 53.0 79.6

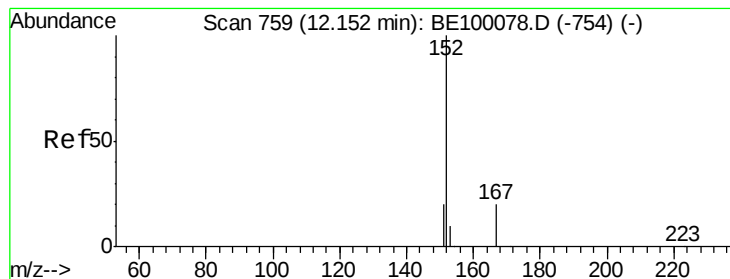


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

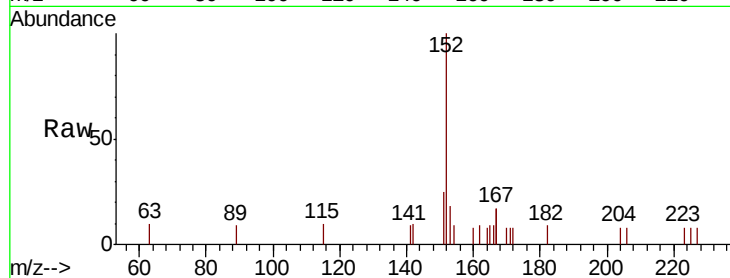
SSTDCCC0.4

Tot Ion:152 Resp: 1579

Ion Ratio Lower Upper

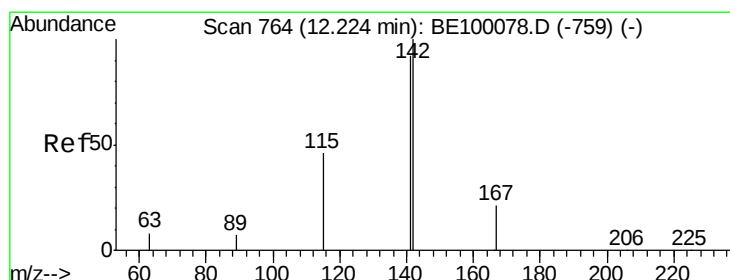
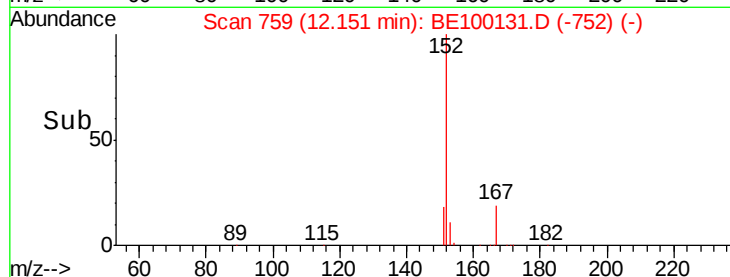
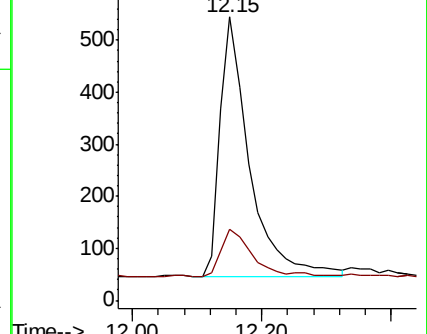
152 100

151 19.2 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: 0.449 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

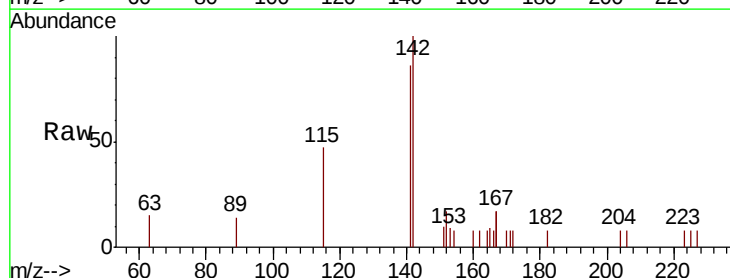
Tgt Ion:142 Resp: 1559

Ion Ratio Lower Upper

142 100

141 85.9 74.1 111.1

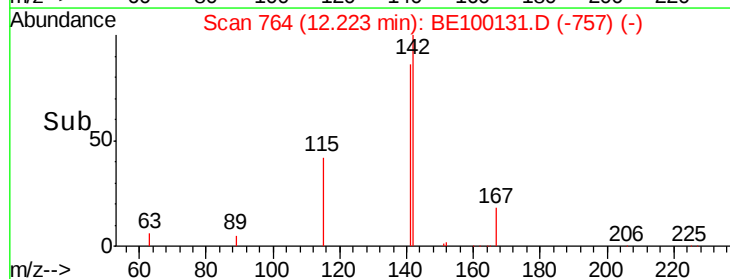
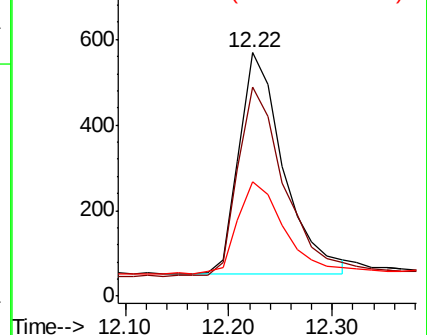
115 47.1 40.9 61.3

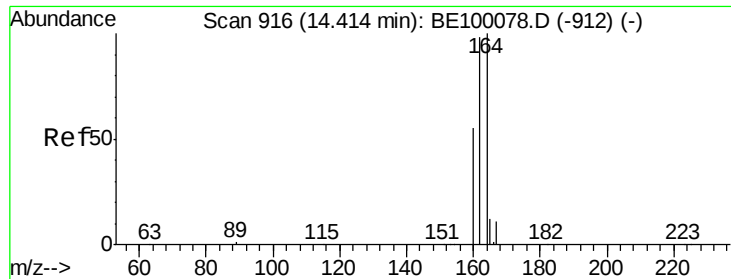


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

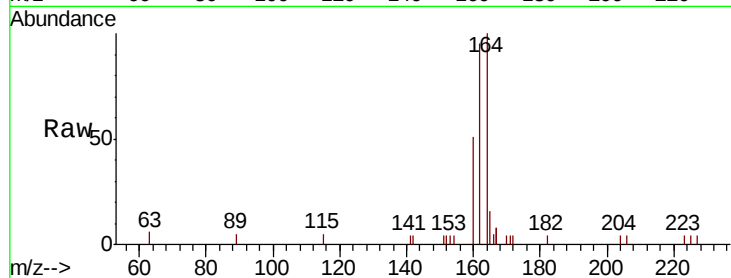
Tot Ion:164 Resp: 1892

Ion Ratio Lower Upper

164 100

162 94.8 78.2 117.2

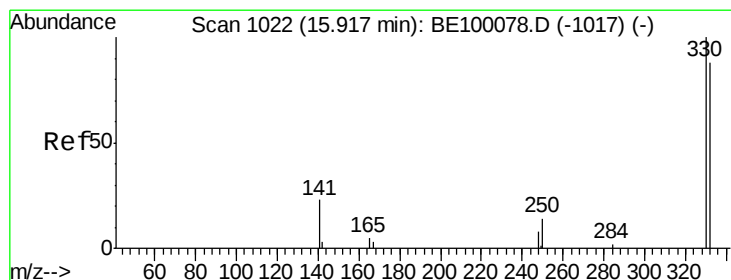
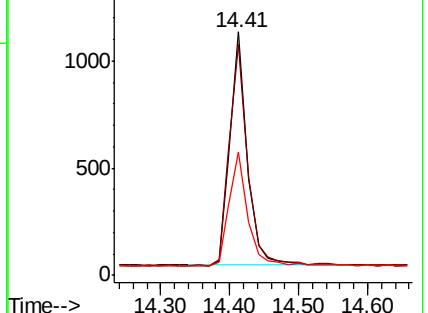
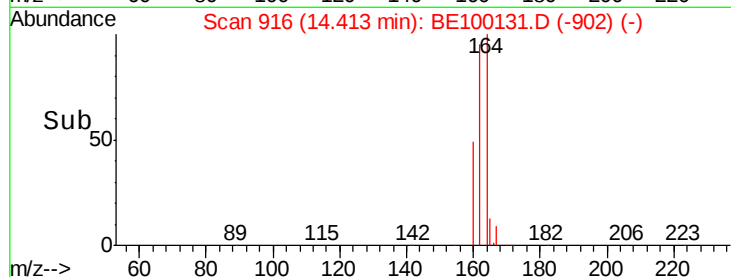
160 50.6 45.6 68.4



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: 0.144 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

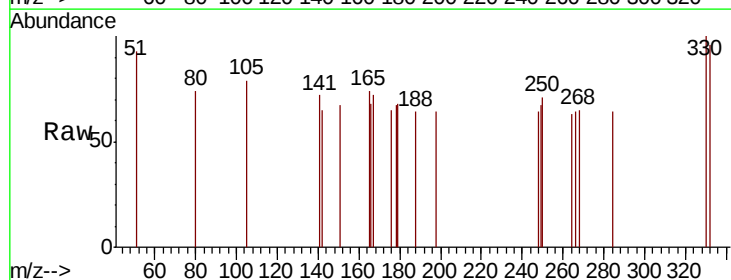
Tgt Ion:330 Resp: 150

Ion Ratio Lower Upper

330 100

332 78.7 73.3 109.9

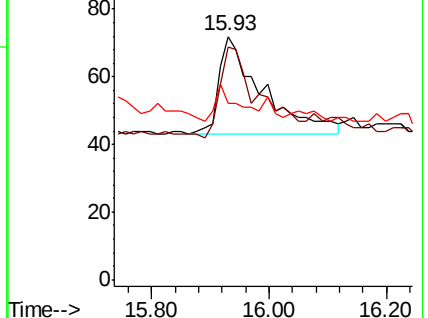
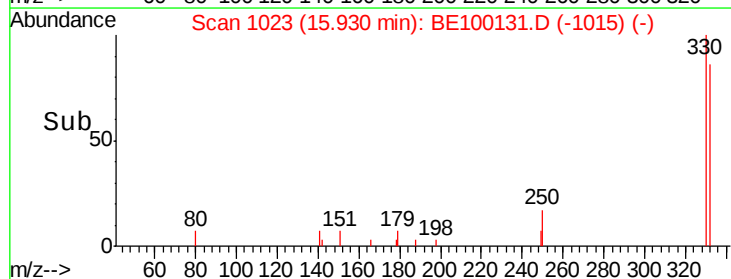
141 18.7 22.2 33.2#

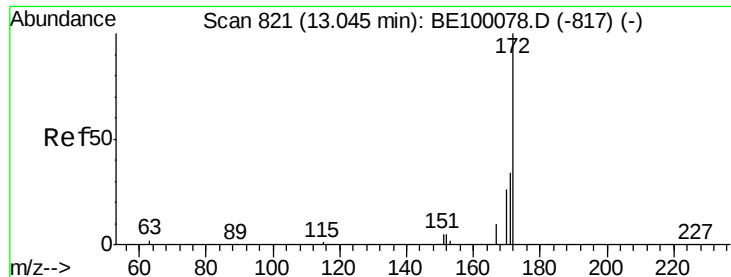


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

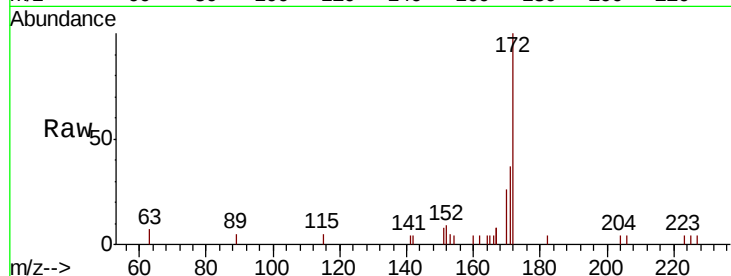




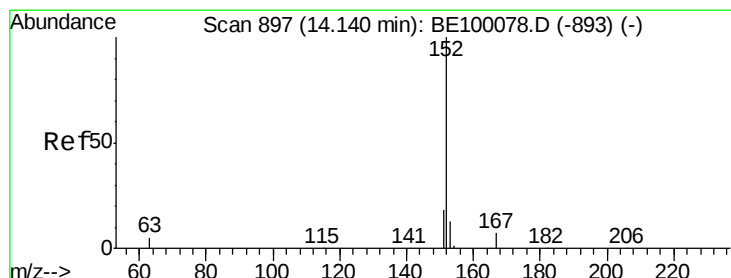
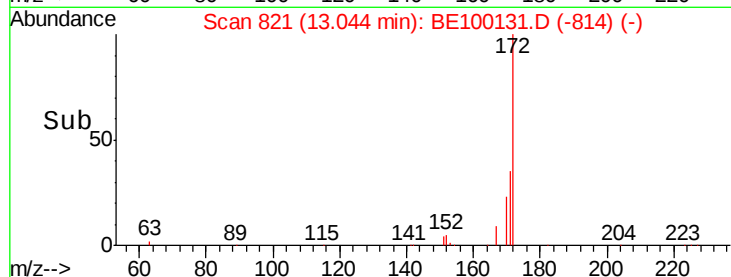
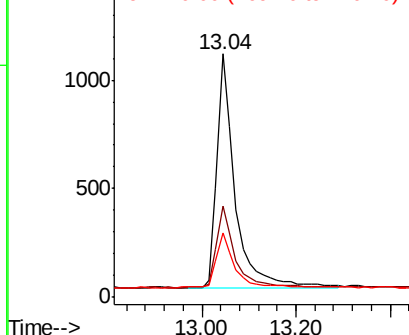
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 2868
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.8
170 26.2 23.2 34.8

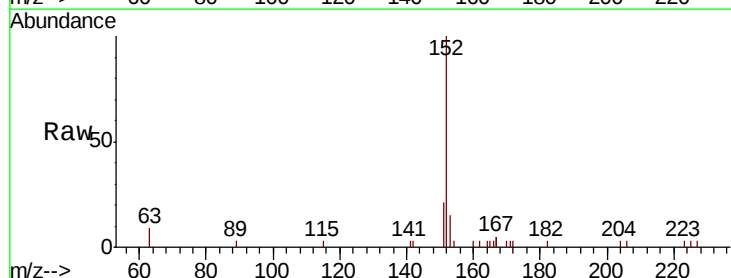


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

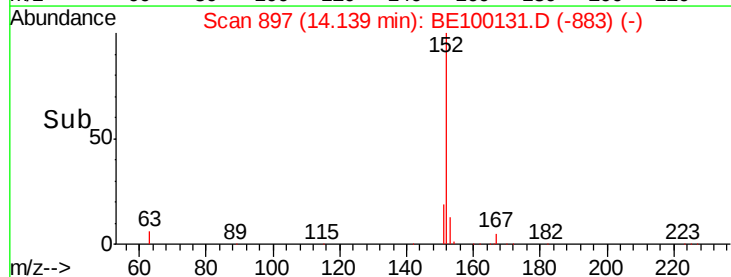
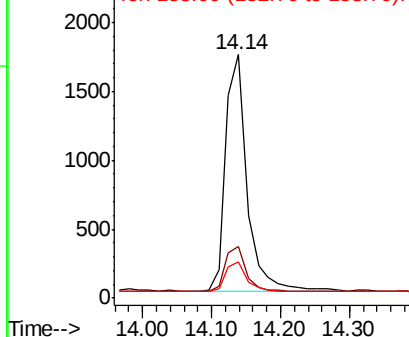


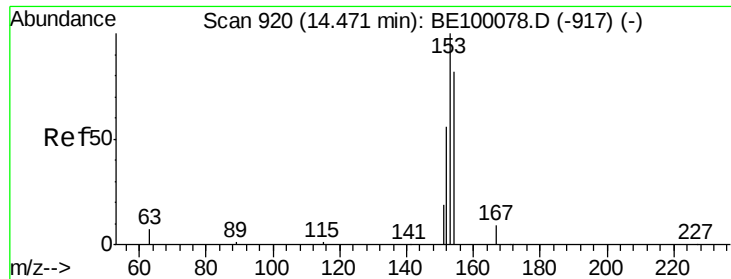
#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Tgt Ion:152 Resp: 3726
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.1 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

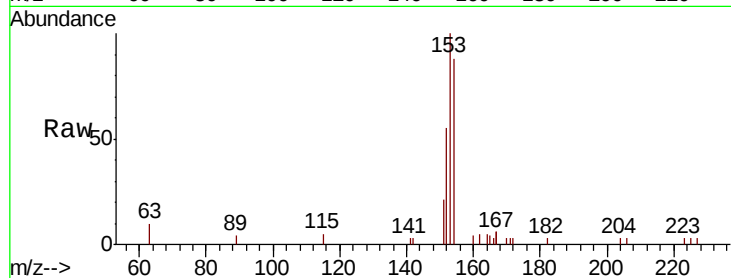




#17
Acenaphthene
Concen: 0.420 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	95.5	143.3
152	61.1	54.9	82.3

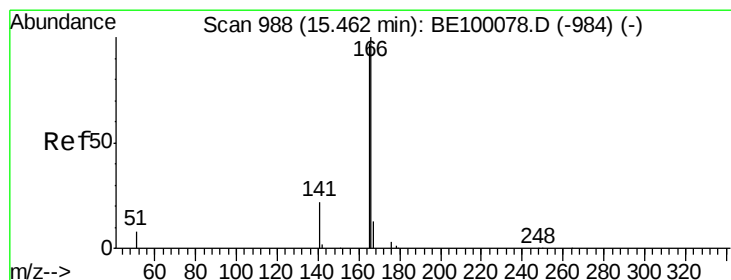
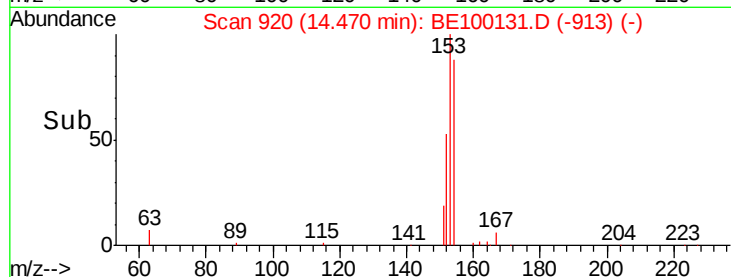
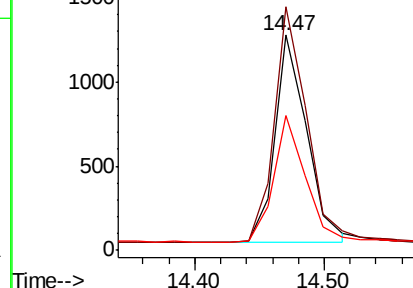


Abundance

Ion 154.00 (153.70 to 154.70): E

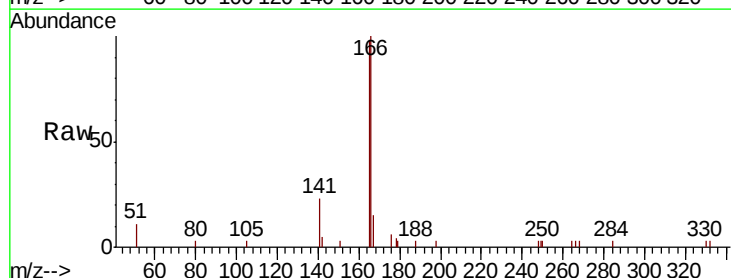
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.426 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	13.6	10.2	15.4

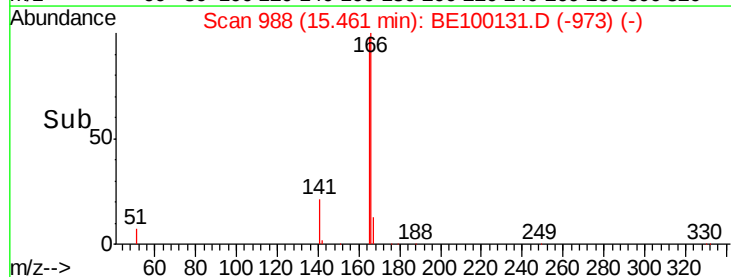
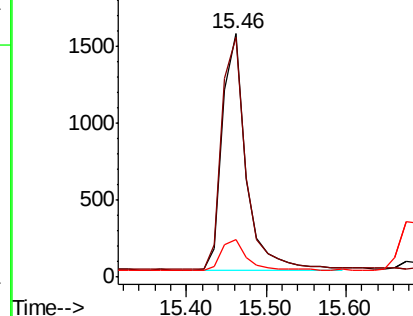


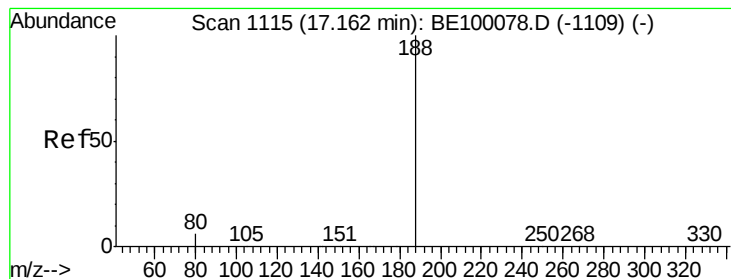
Abundance

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: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

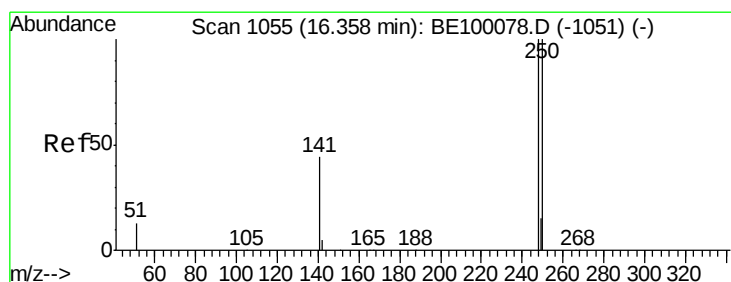
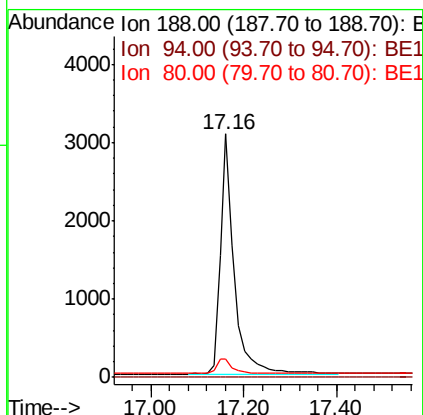
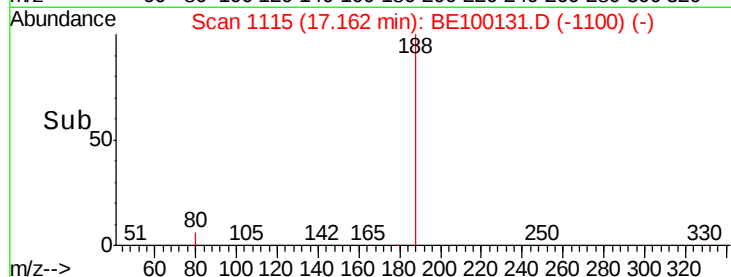
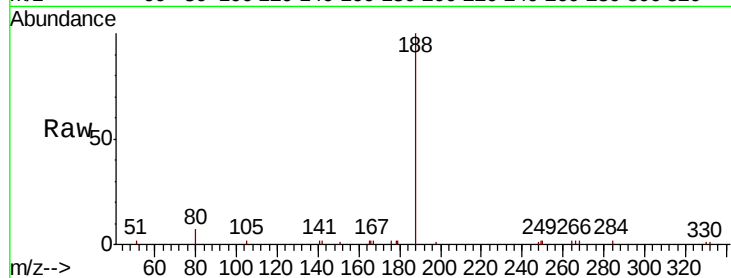
Tot Ion:188 Resp: 6390

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

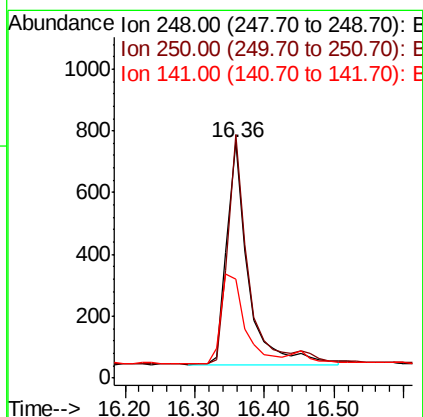
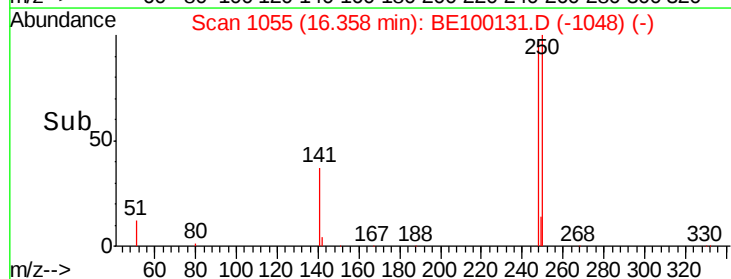
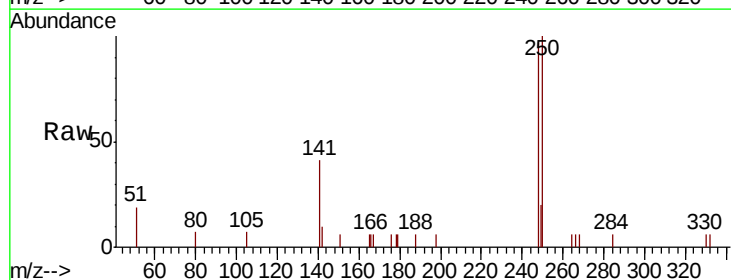
Tgt Ion:248 Resp: 1531

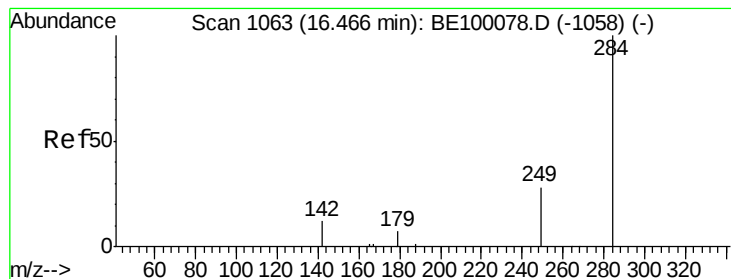
Ion Ratio Lower Upper

248 100

250 103.4 80.6 120.8

141 42.3 38.8 58.2





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

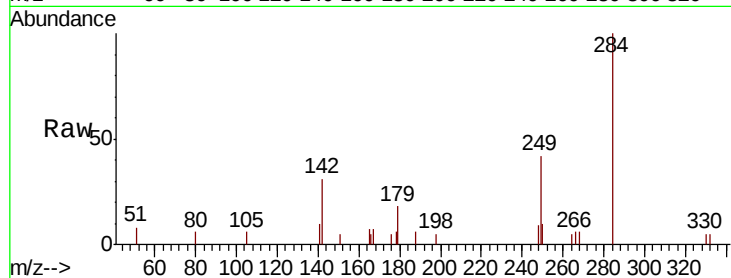
Tot Ion:284 Resp: 1583

Ion Ratio Lower Upper

284 100

142 23.4 20.7 31.1

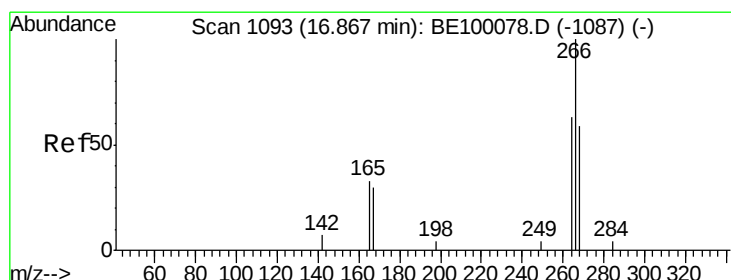
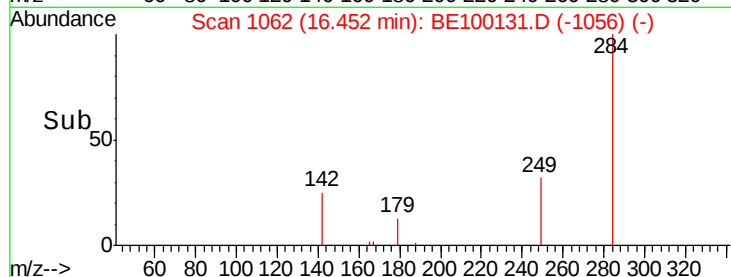
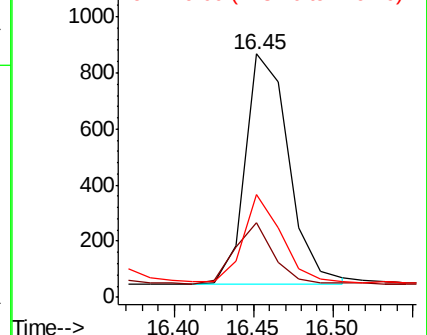
249 32.1 26.6 39.8



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: 0.286 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.07 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

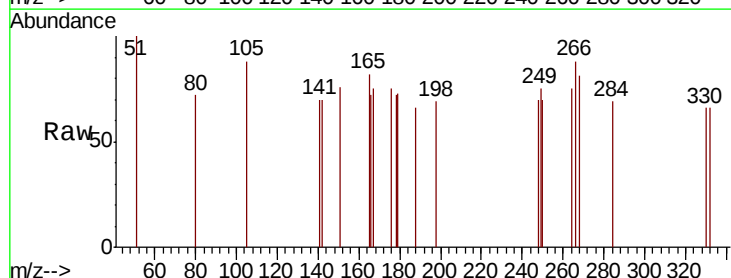
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 84.7 67.8 101.6

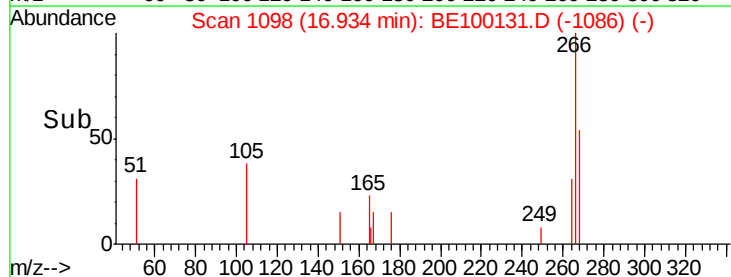
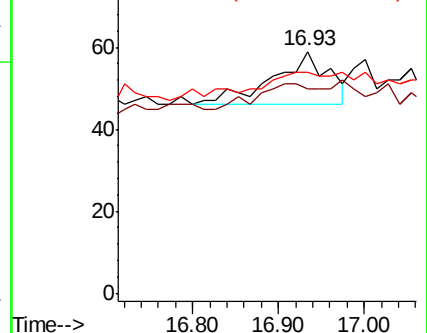
268 91.5 70.0 105.0

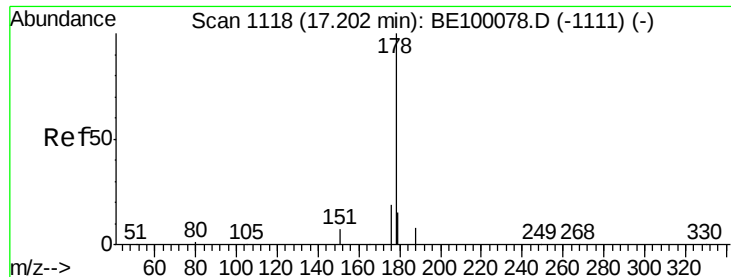


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

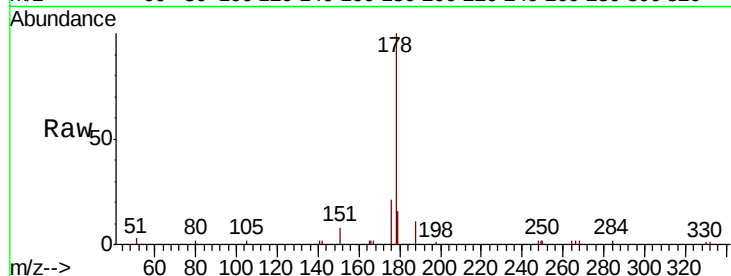
Tot Ion:178 Resp: 6039

Ion Ratio Lower Upper

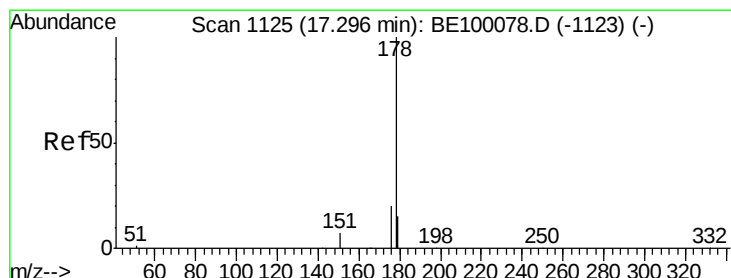
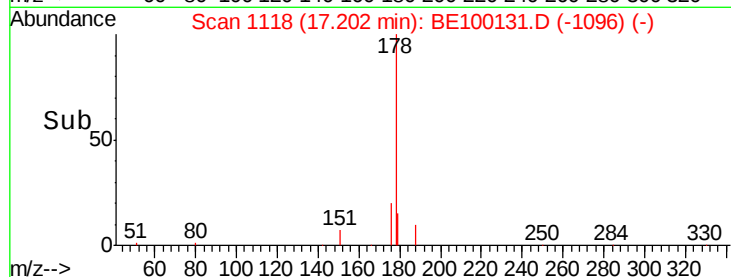
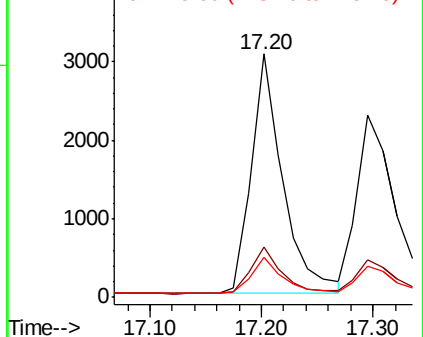
178 100

176 19.6 15.9 23.9

179 15.1 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: 0.388 ng

RT: 17.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

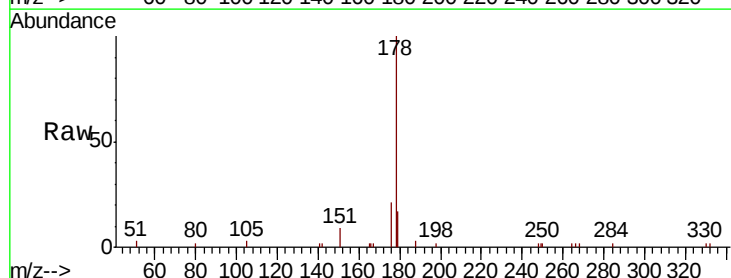
Tgt Ion:178 Resp: 5009

Ion Ratio Lower Upper

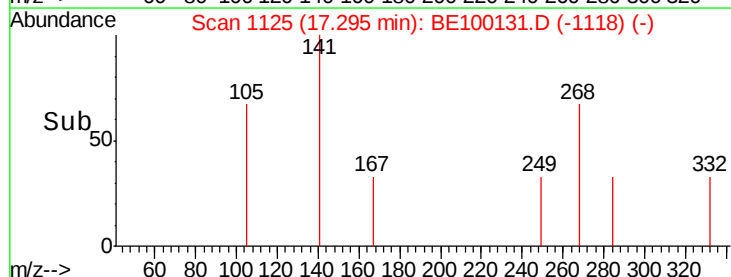
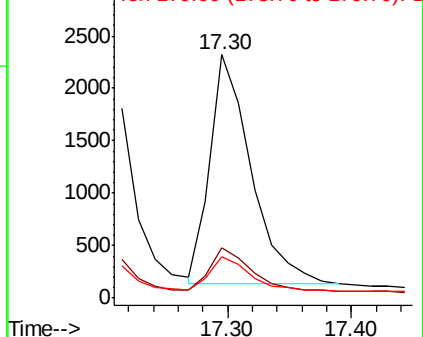
178 100

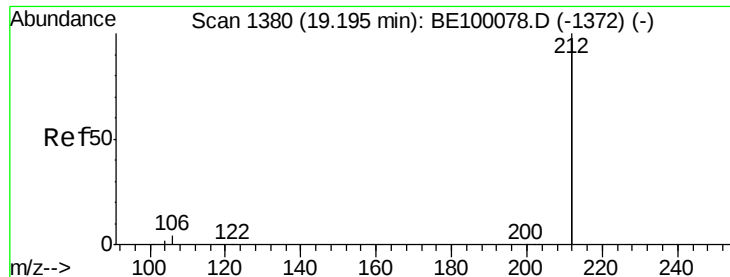
176 18.5 15.8 23.6

179 14.8 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: 0.377 ng

RT: 19.19 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

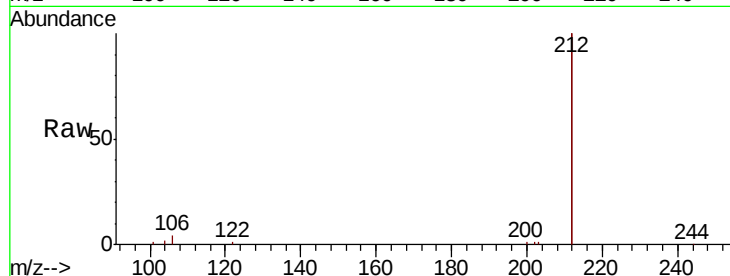
Tot Ion:212 Resp: 34467

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

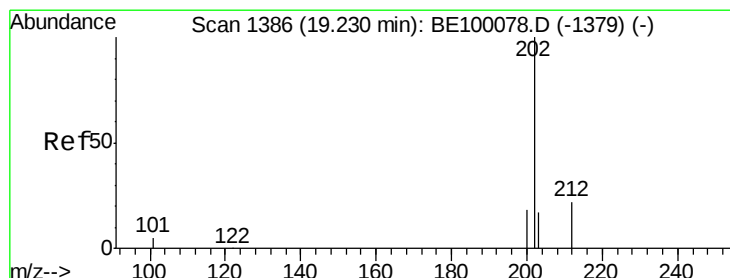
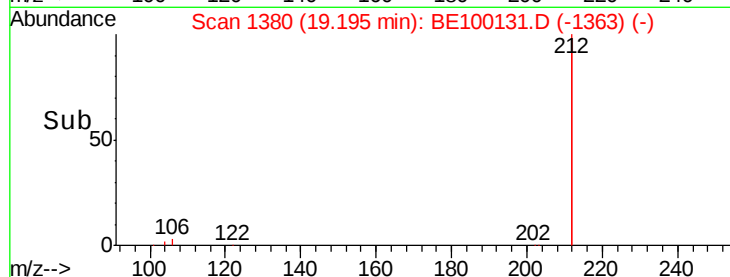
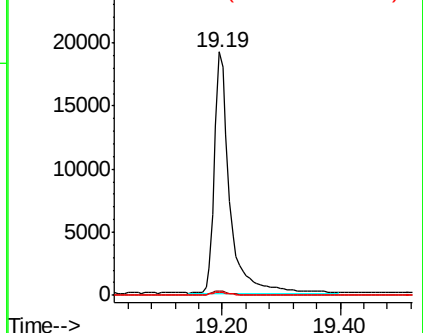
104 1.0 0.8 1.2



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: 0.373 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

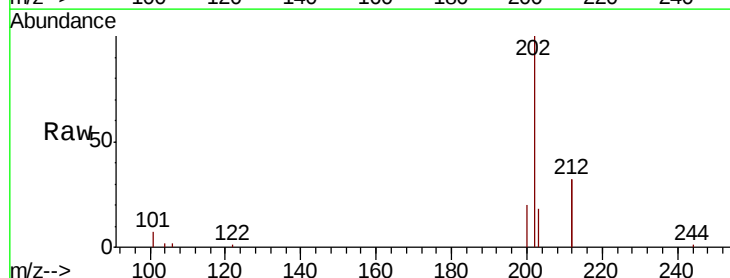
Tgt Ion:202 Resp: 9161

Ion Ratio Lower Upper

202 100

101 6.6 5.0 7.4

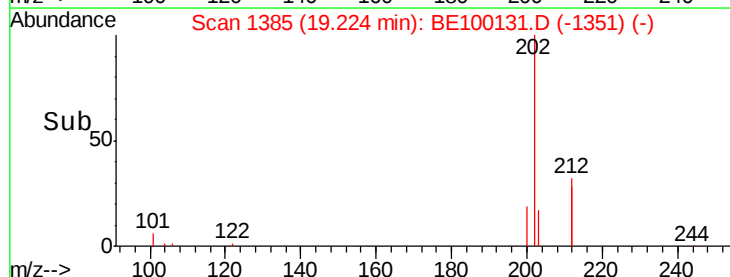
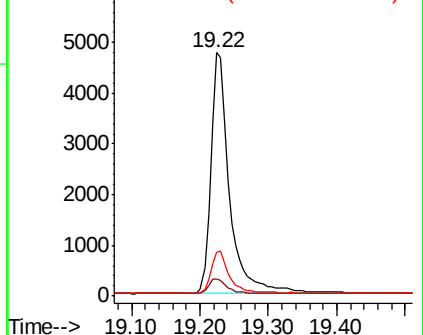
203 17.0 13.7 20.5

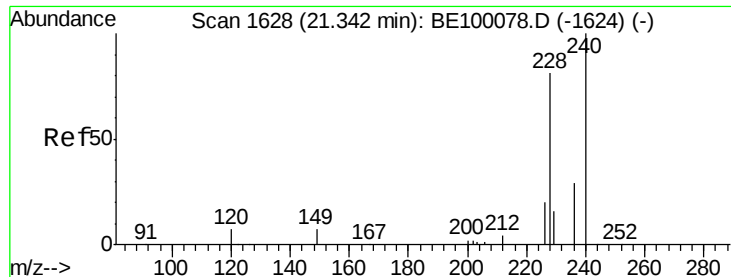


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

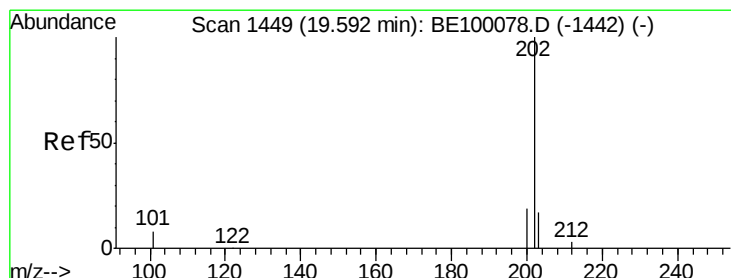
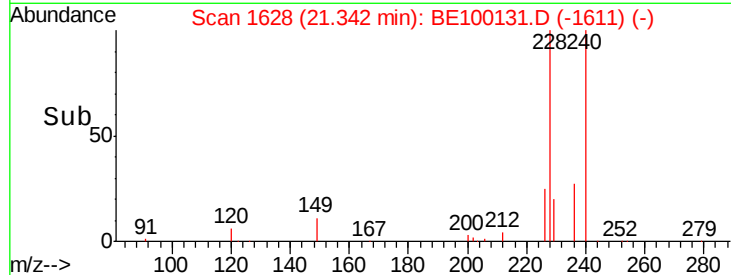
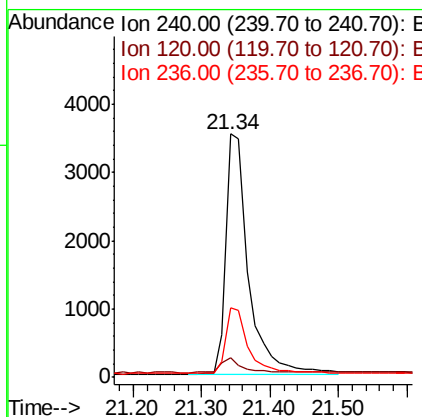
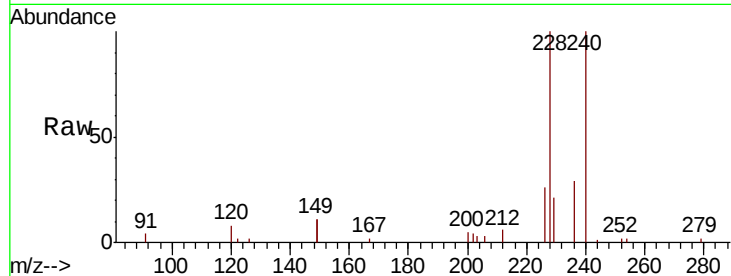




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BE100131.D
 Acq: 21 Jun 2019 7:46

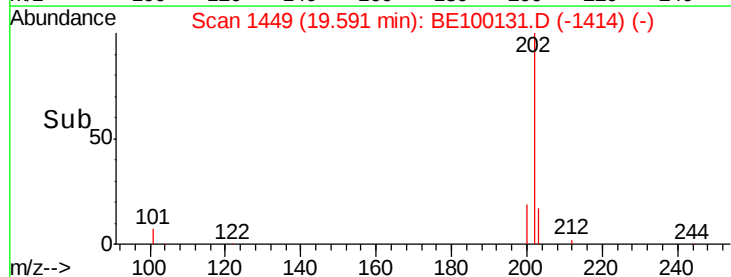
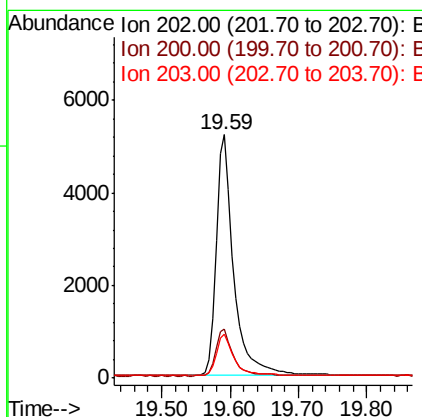
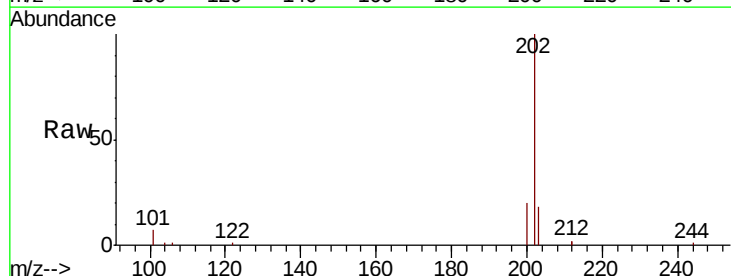
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

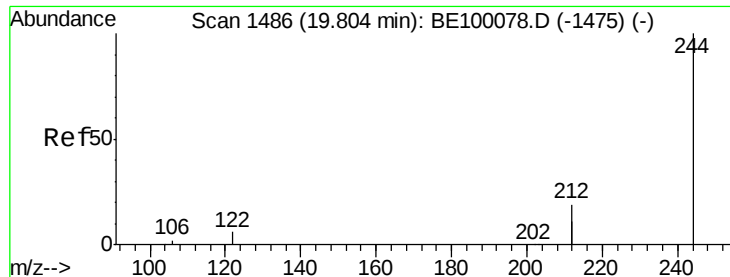
Tot Ion:240	Resp:	8079	
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.6	10.0
236	28.7	23.8	35.6



#28
 Pyrene
 Concen: 0.454 ng
 RT: 19.59 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BE100131.D
 Acq: 21 Jun 2019 7:46

Tgt	Ion:202	Resp:	9435
Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.2	13.9	20.9





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

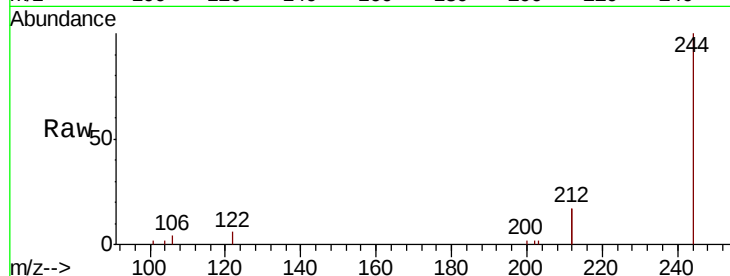
Tot Ion:244 Resp: 7090

Ion Ratio Lower Upper

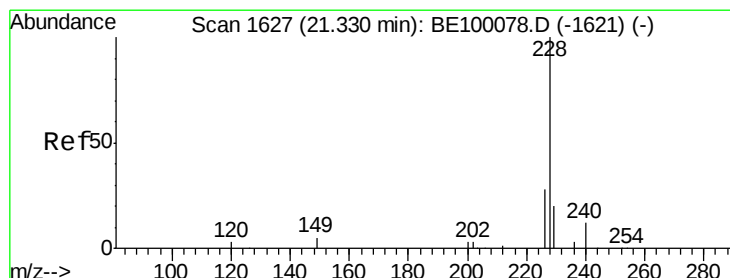
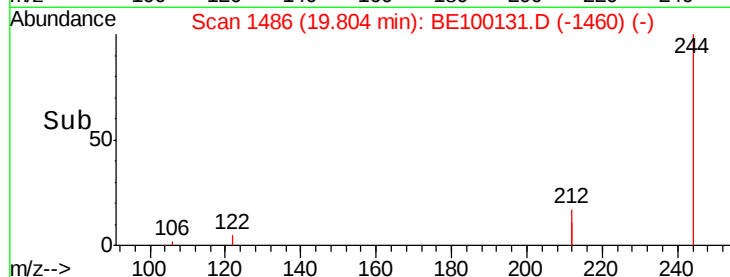
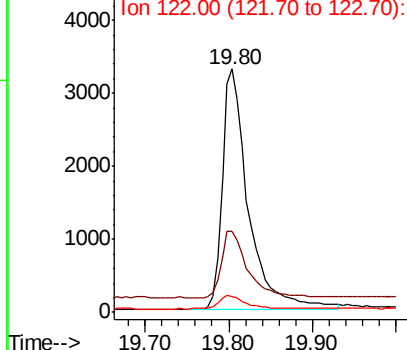
244 100

212 33.4 29.8 44.8

122 6.4 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: 0.425 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

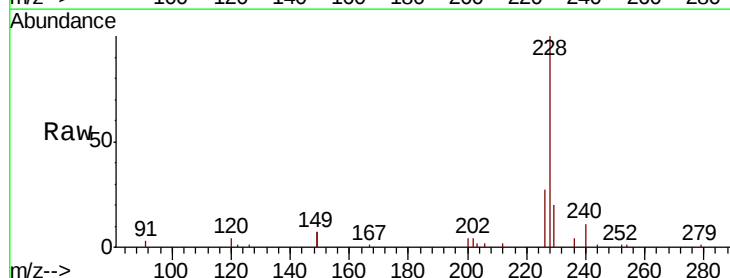
Tgt Ion:228 Resp: 10224

Ion Ratio Lower Upper

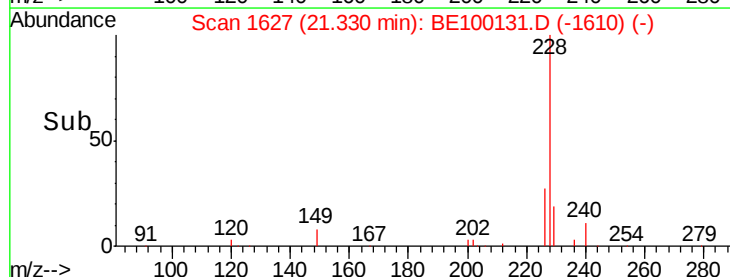
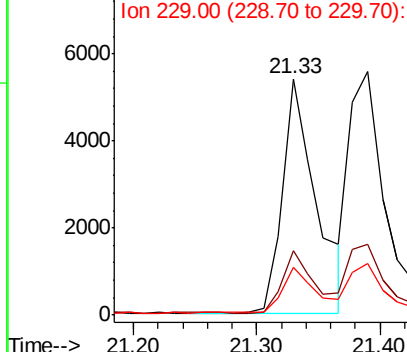
228 100

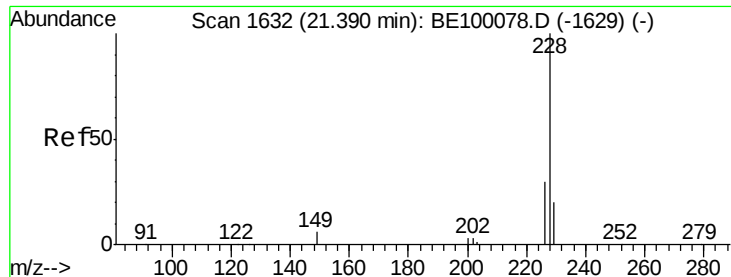
226 27.4 23.0 34.4

229 20.2 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: 0.384 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

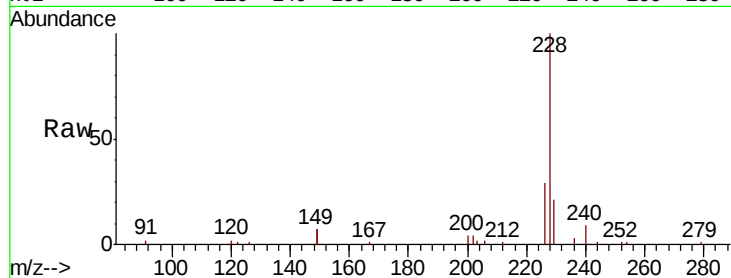
Tot Ion:228 Resp: 10730

Ion Ratio Lower Upper

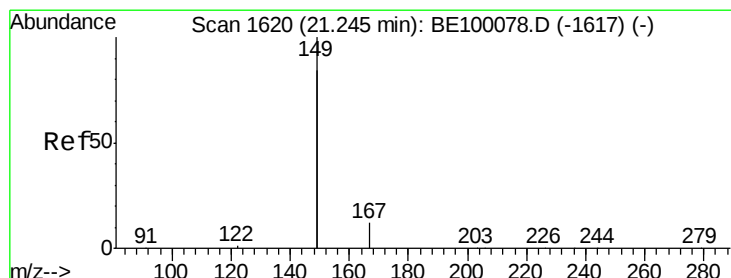
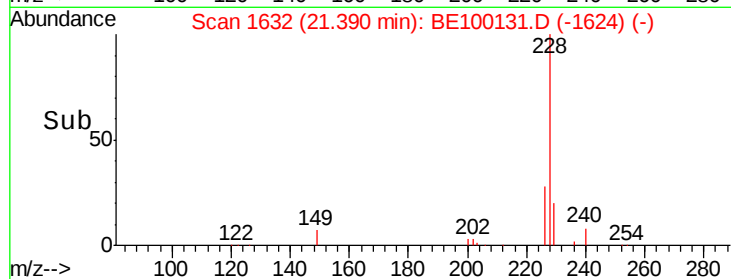
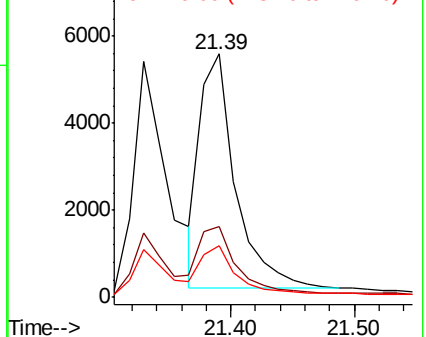
228 100

226 29.0 23.8 35.8

229 21.0 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: 0.520 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

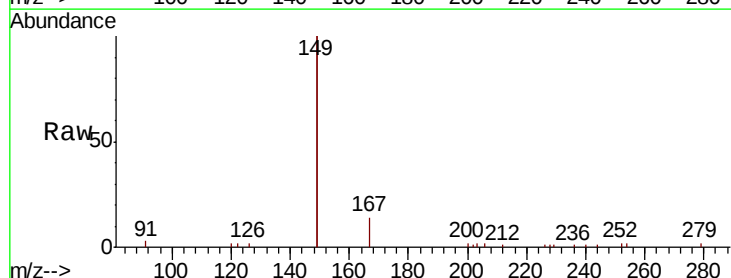
Tgt Ion:149 Resp: 11784

Ion Ratio Lower Upper

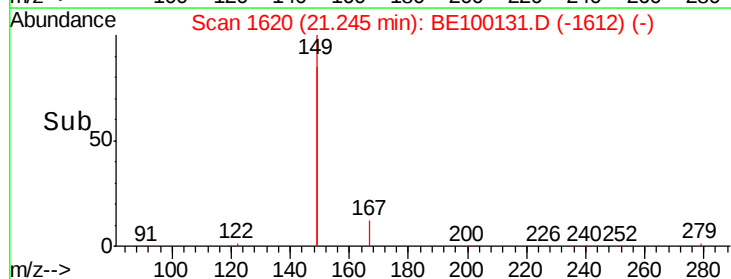
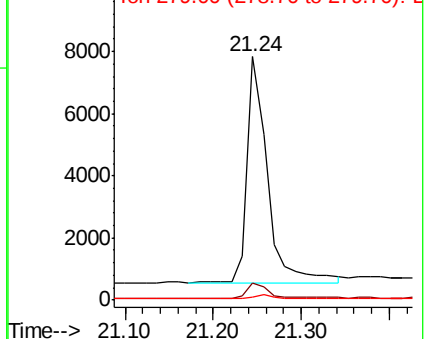
149 100

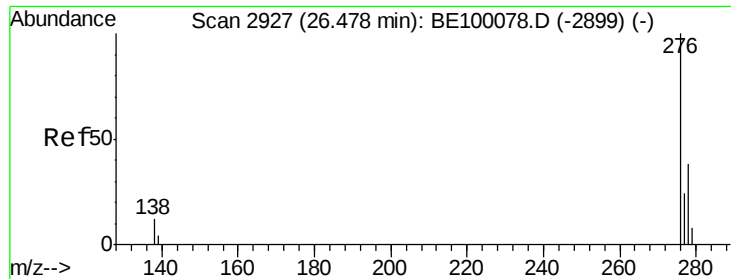
167 7.1 5.8 8.6

279 1.6 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: 0.208 ng

RT: 26.49 min Scan# 2931

Delta R.T. 0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

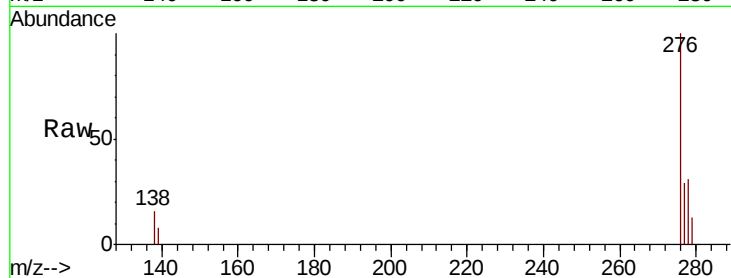
Tot Ion:276 Resp: 6545

Ion Ratio Lower Upper

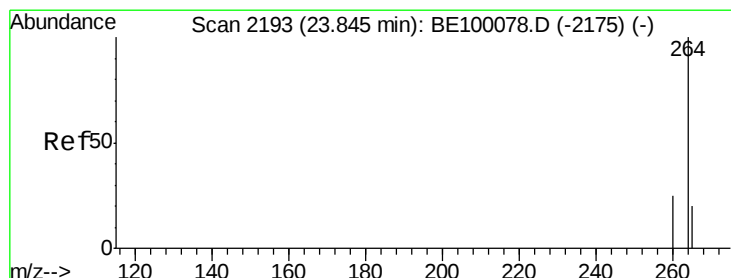
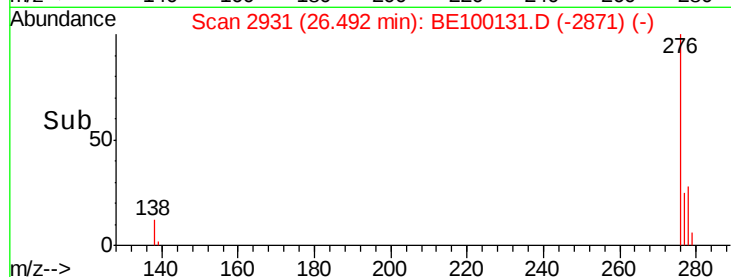
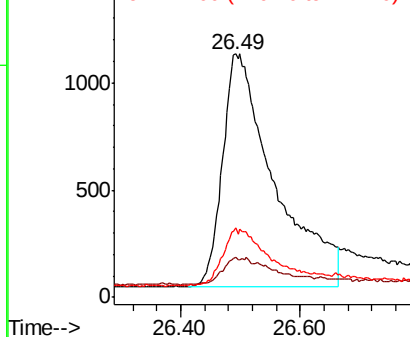
276 100

138 3.8 4.3 6.5#

277 7.4 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: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

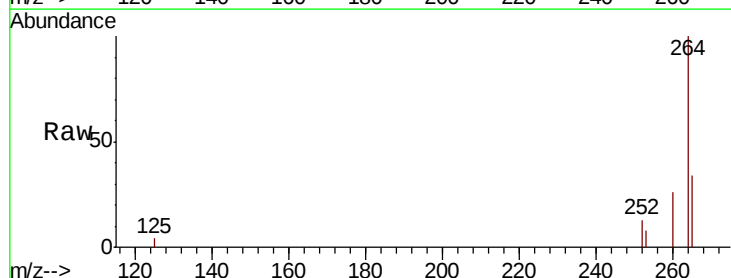
Tgt Ion:264 Resp: 7963

Ion Ratio Lower Upper

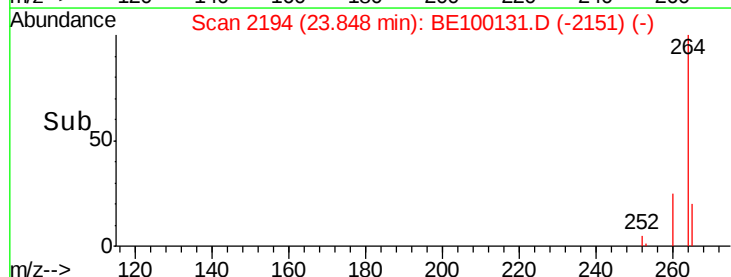
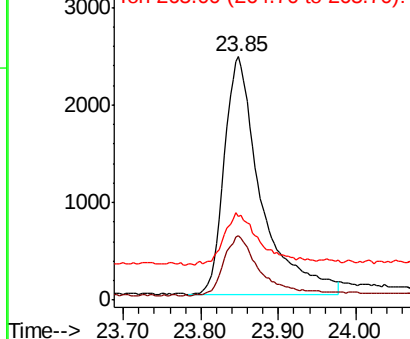
264 100

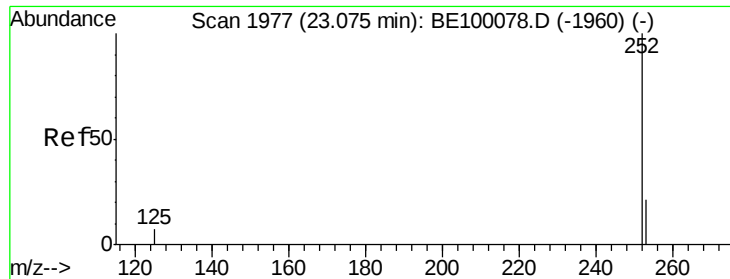
260 26.2 20.8 31.2

265 34.5 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

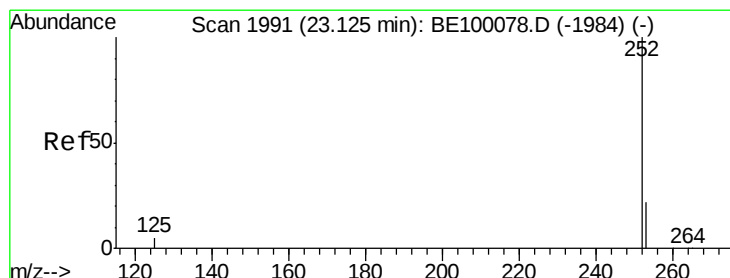
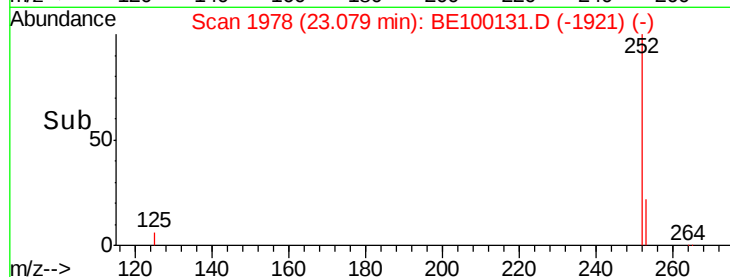
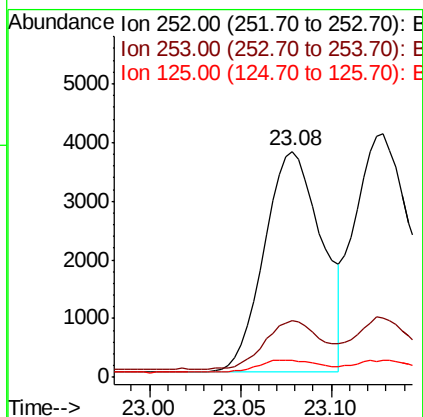
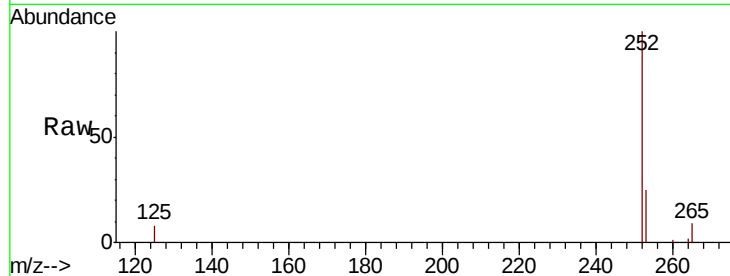




#35
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 23.08 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

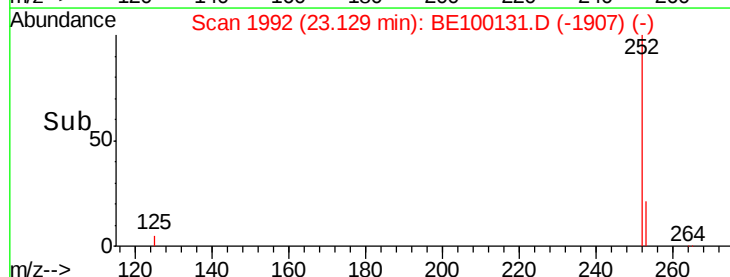
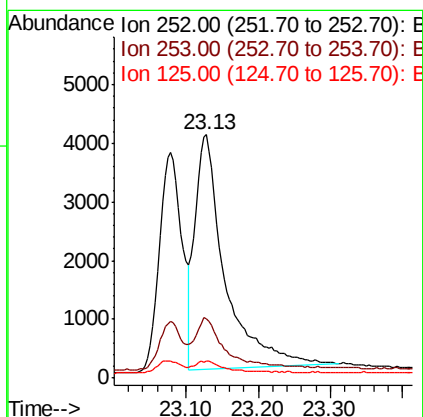
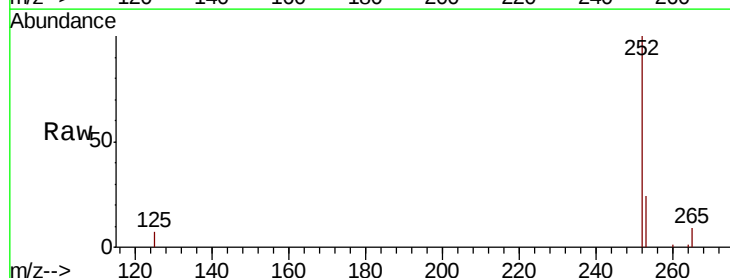
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

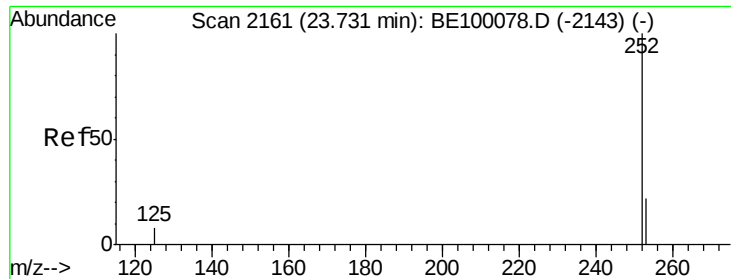
Tot Ion:252 Resp: 8263
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 7.8 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100131.D
Acq: 21 Jun 2019 7:46

Tgt Ion:252 Resp: 11656
Ion Ratio Lower Upper
252 100
253 24.5 18.9 28.3
125 6.8 5.3 7.9





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.74 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

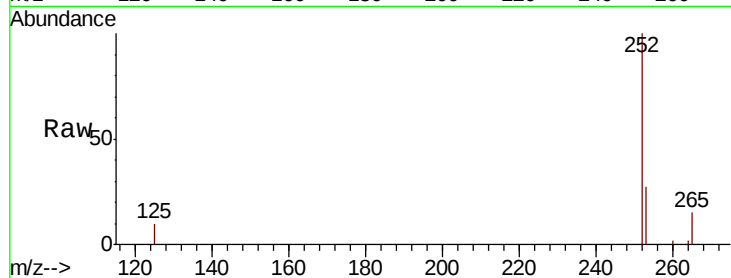
Tot Ion:252 Resp: 8571

Ion Ratio Lower Upper

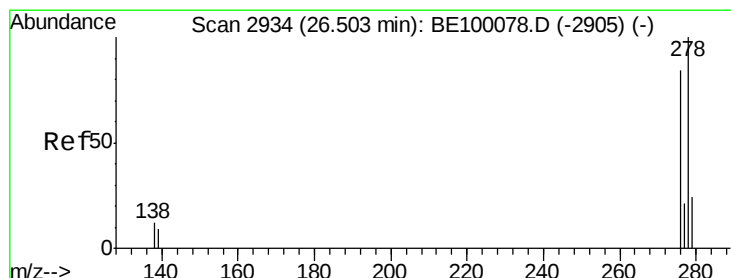
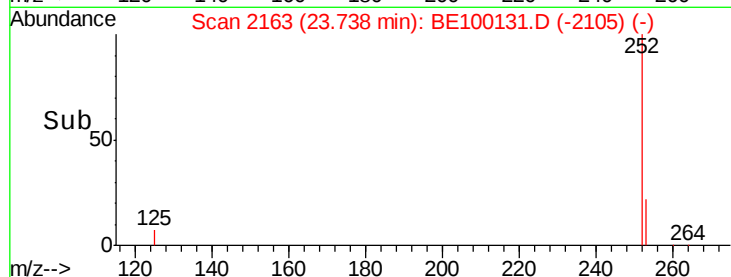
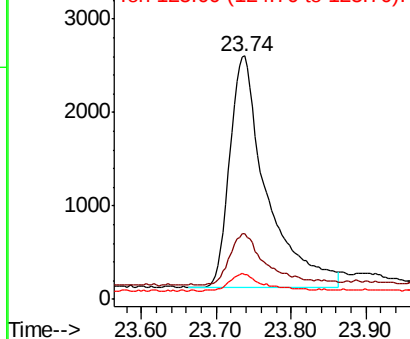
252 100

253 26.9 19.4 29.2

125 10.2 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: 0.196 ng

RT: 26.53 min Scan# 2942

Delta R.T. 0.03 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

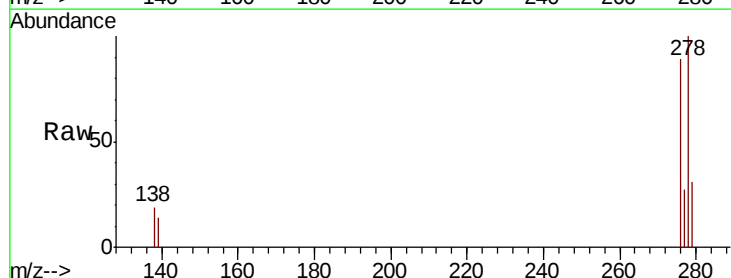
Tgt Ion:278 Resp: 4539

Ion Ratio Lower Upper

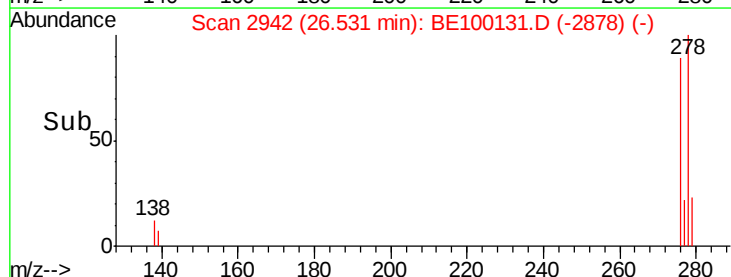
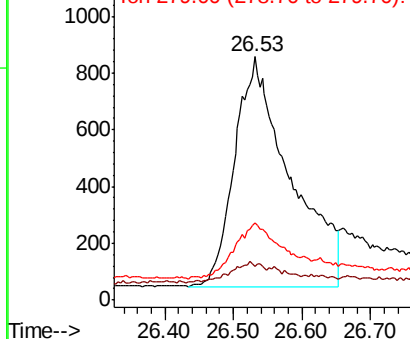
278 100

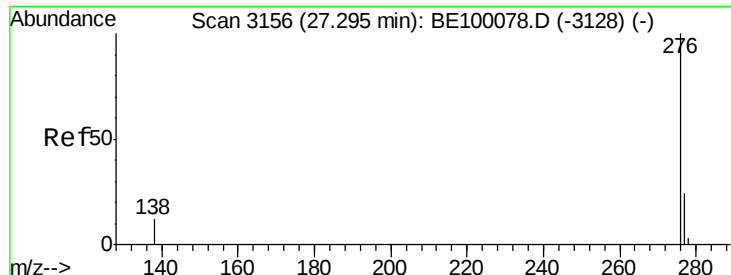
139 14.0 9.0 13.6#

279 31.5 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: 0.239 ng

RT: 27.31 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BE100131.D

Acq: 21 Jun 2019 7:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

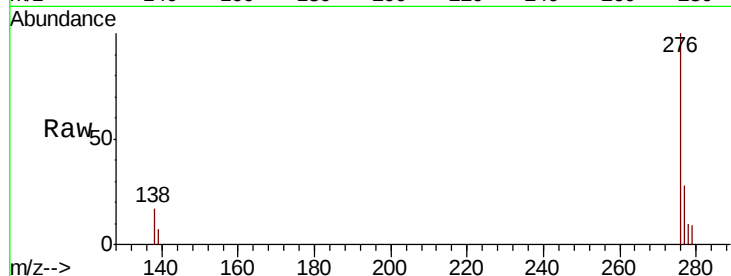
Tot Ion: 276 Resp: 5743

Ion Ratio Lower Upper

276 100

277 28.2 20.3 30.5

138 16.8 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

