

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100187.D
 Acq On : 26 Jun 2019 8:42
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 27 04:42:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	510	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1709	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1265	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	4035	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5459	0.40	ng	0.00
34) Perylene-d12	23.73	264	6043	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	471	0.42	ng	0.00
5) Phenol-d6	6.86	99	556	0.36	ng	-0.01
8) Nitrobenzene-d5	8.85	82	648	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1319	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	278	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2202	0.43	ng	0.01
25) Fluoranthene-d10	19.13	212	23547	0.40	ng	0.00
29) Terphenyl-d14	19.74	244	4709	0.44	ng	0.00

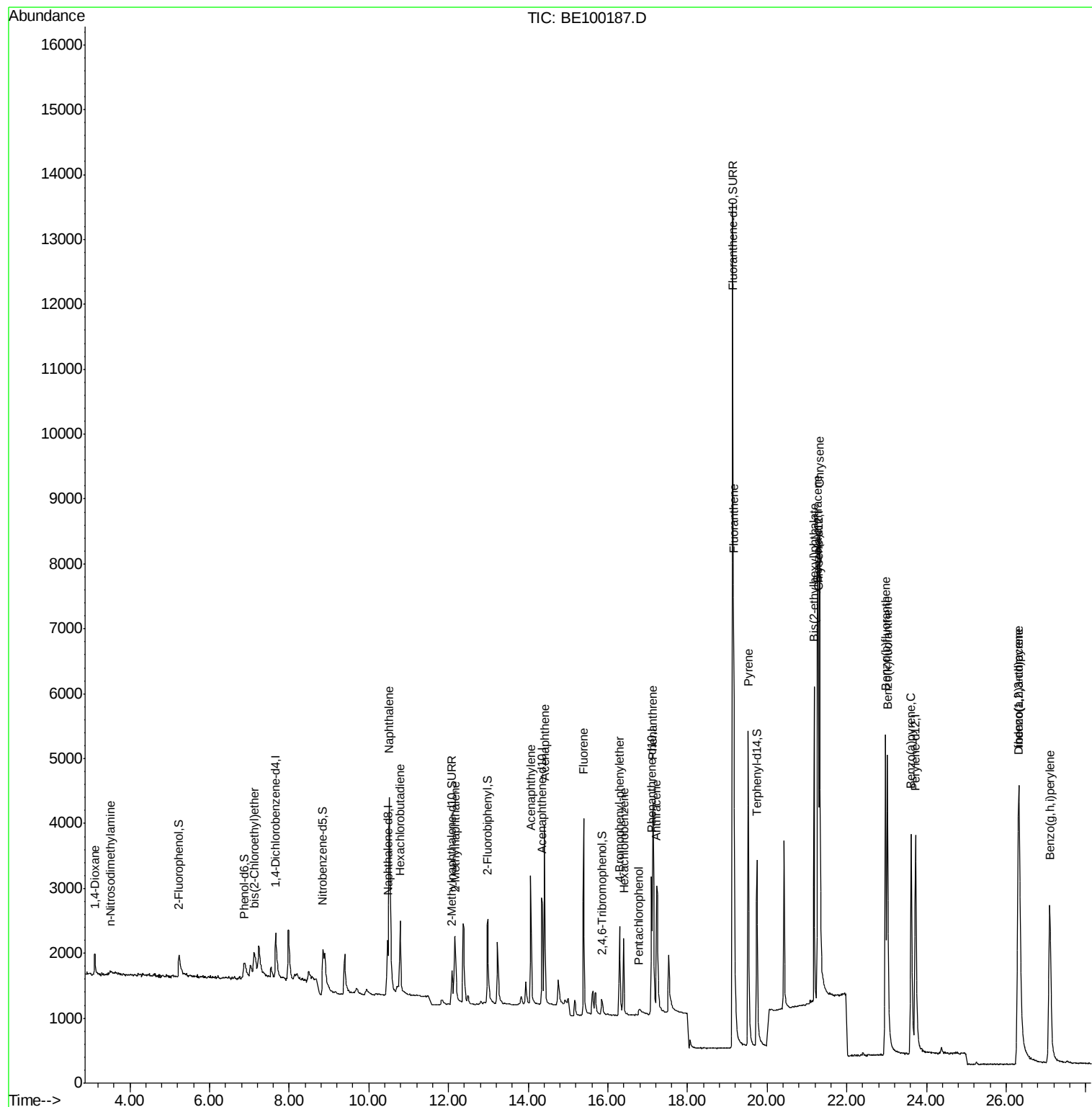
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	315	0.395	ng	# 85
3) n-Nitrosodimethylamine	3.51	42	94	0.318	ng	# 21
6) bis(2-Chloroethyl)ether	7.11	93	516	0.361	ng	# 92
9) Naphthalene	10.51	128	7857	0.421	ng	99
10) Hexachlorobutadiene	10.78	225	862	0.448	ng	99
12) 2-Methylnaphthalene	12.17	142	1269	0.423	ng	98
16) Acenaphthylene	14.07	152	2643	0.429	ng	99
17) Acenaphthene	14.41	154	1468	0.425	ng	94
18) Fluorene	15.39	166	2221	0.444	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	1054	0.421	ng	100
21) Hexachlorobenzene	16.40	284	1227	0.447	ng	98
22) Pentachlorophenol	16.79	266	185	0.471	ng	97
23) Phenanthrene	17.13	178	4034	0.422	ng	98
24) Anthracene	17.23	178	3208	0.397	ng	98
26) Fluoranthene	19.16	202	6399	0.412	ng	100
28) Pyrene	19.52	202	6274	0.449	ng	100
30) Benzo(a)anthracene	21.26	228	6717	0.417	ng	96
31) Chrysene	21.32	228	7829	0.415	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	5436	0.294	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.31	276	9281	0.345	ng	# 96
35) Benzo(b)fluoranthene	22.97	252	7119	0.438	ng	100
36) Benzo(k)fluoranthene	23.02	252	8789	0.452	ng	100
37) Benzo(a)pyrene	23.62	252	7034	0.418	ng	99
38) Dibenzo(a,h)anthracene	26.33	278	7205	0.400	ng	98
39) Benzo(g,h,i)perylene	27.09	276	7408	0.394	ng	98

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

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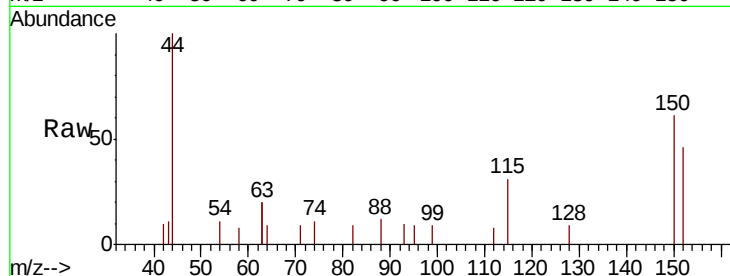


#1

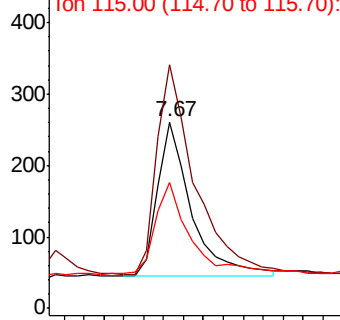
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

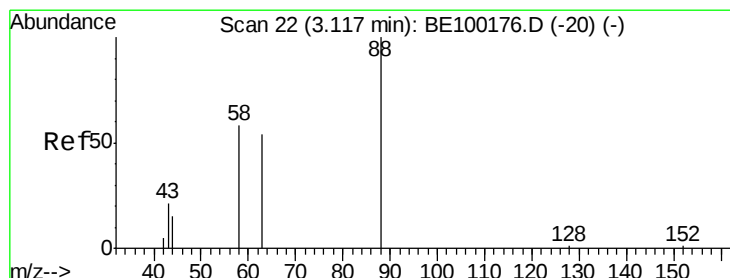
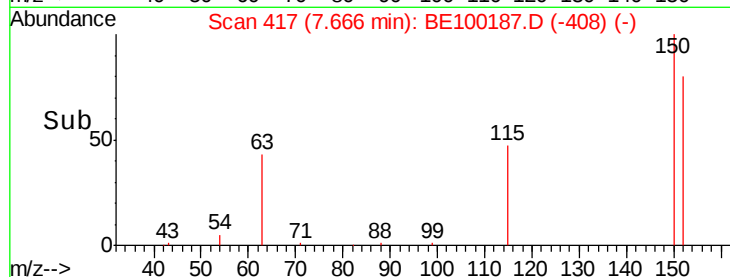
Tgt Ion: 152 Resp: 510
Ion Ratio Lower Upper
152 100
150 130.7 113.4 170.2
115 67.4 55.8 83.6



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



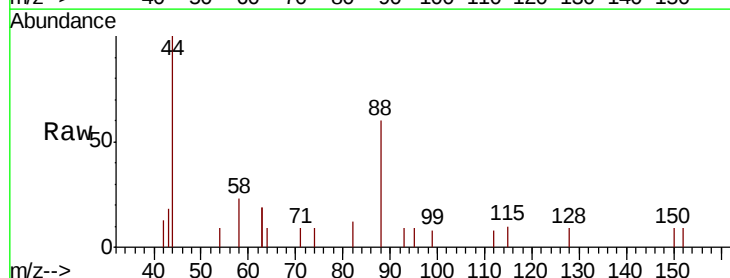
Time-->



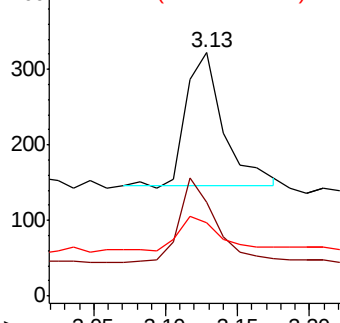
#2

1,4-Dioxane
Concen: 0.395 ng
RT: 3.13 min Scan# 23
Delta R.T. 0.01 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

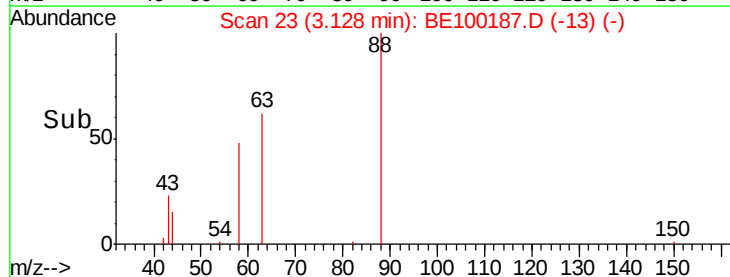
Tgt Ion: 88 Resp: 315
Ion Ratio Lower Upper
88 100
58 63.5 43.8 65.6
43 34.9 19.4 29.2#

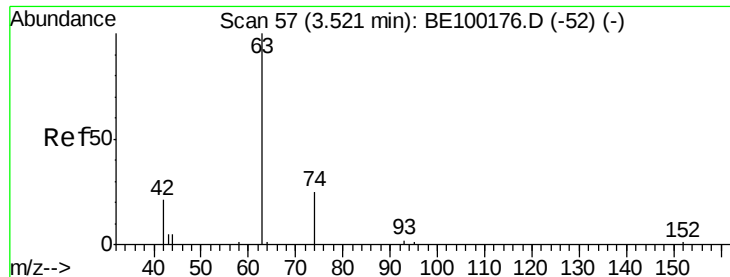


Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.318 ng

RT: 3.51 min Scan# 56

Delta R.T. -0.01 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

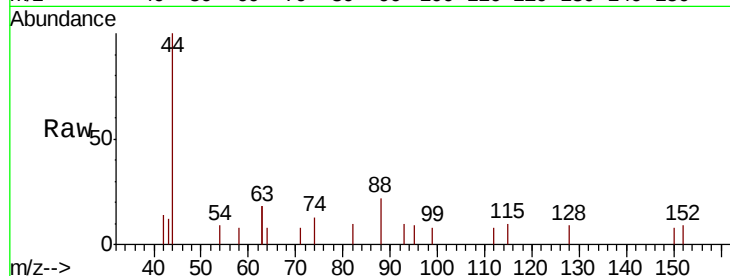
Tgt Ion: 42 Resp: 94

Ion Ratio Lower Upper

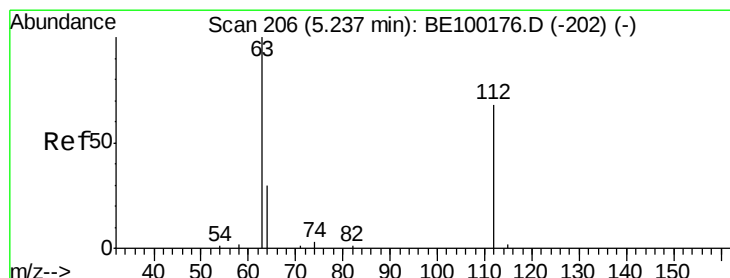
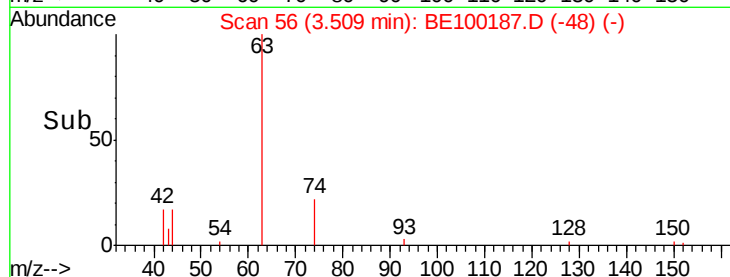
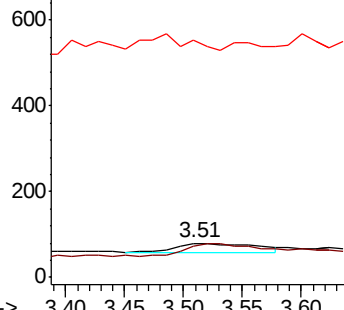
42 100

74 144.7 193.2 289.8#

44 0.0 114.5 171.7#



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: 0.415 ng

RT: 5.24 min Scan# 206

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

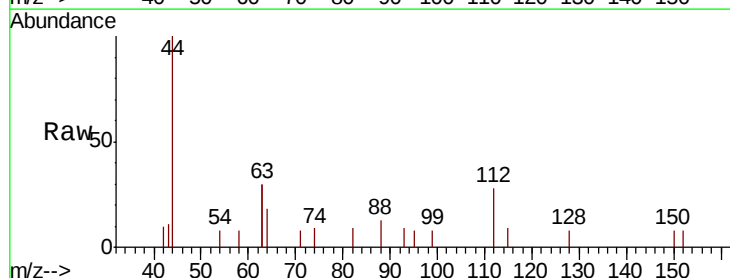
Tgt Ion: 112 Resp: 471

Ion Ratio Lower Upper

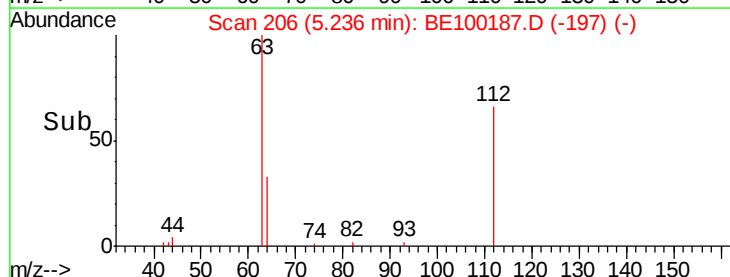
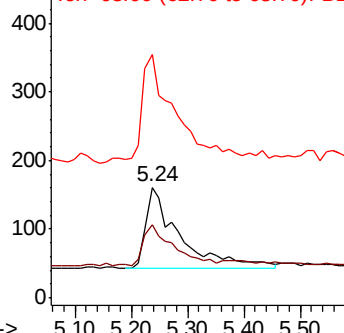
112 100

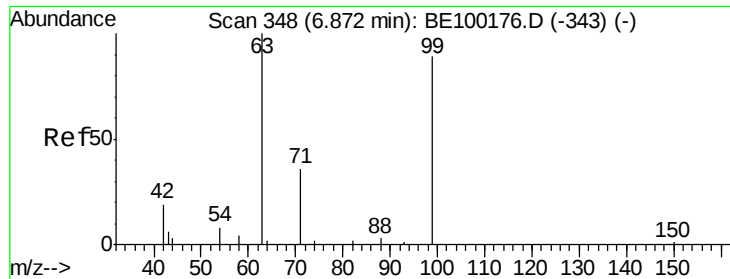
64 43.9 40.7 61.1

63 135.2 93.2 139.8



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: 0.357 ng

RT: 6.86 min Scan# 347

Delta R.T. -0.01 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

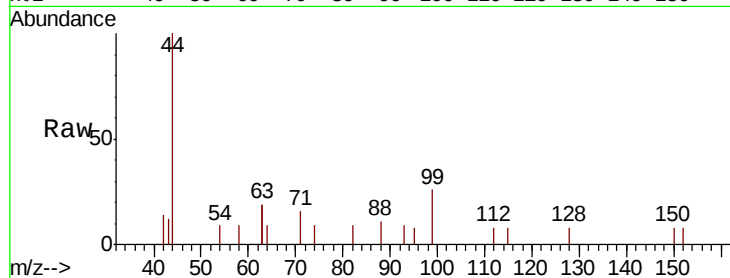
Tgt Ion: 99 Resp: 556

Ion Ratio Lower Upper

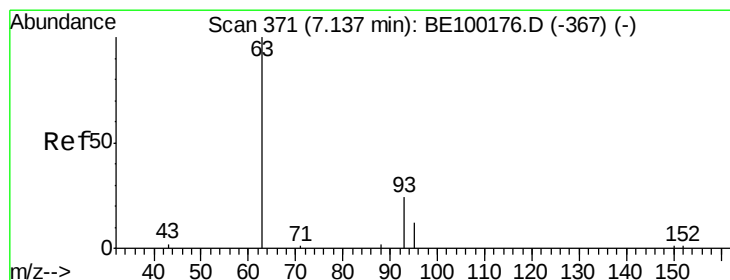
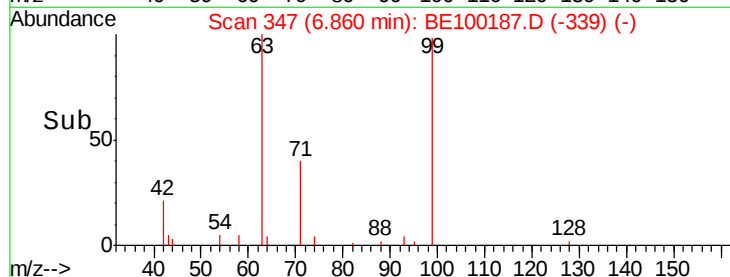
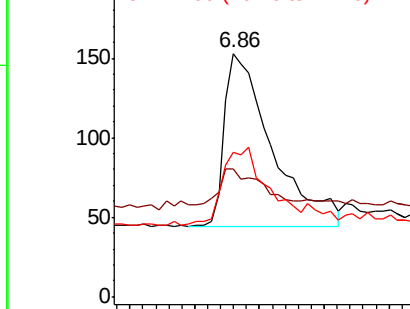
99 100

42 17.1 10.4 15.6#

71 0.0 32.4 48.6#



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: 0.361 ng

RT: 7.11 min Scan# 369

Delta R.T. -0.02 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

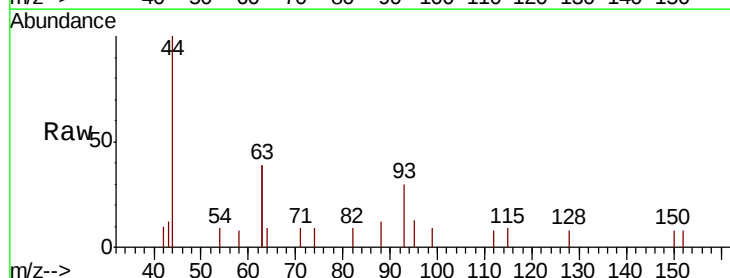
Tgt Ion: 93 Resp: 516

Ion Ratio Lower Upper

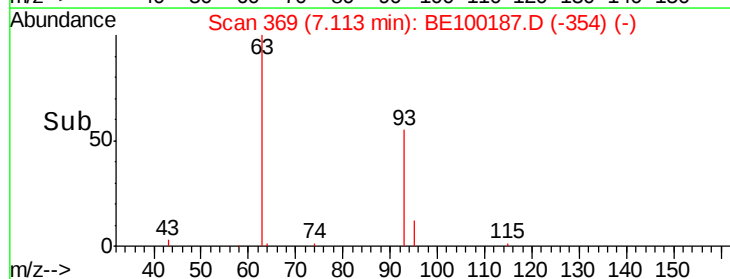
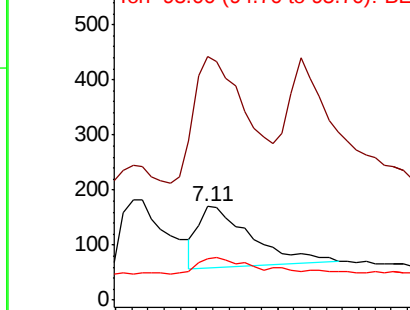
93 100

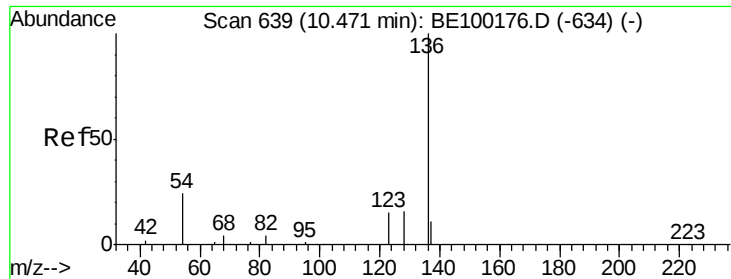
63 199.6 0.0 0.0#

95 22.3 21.0 31.6



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: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 1709

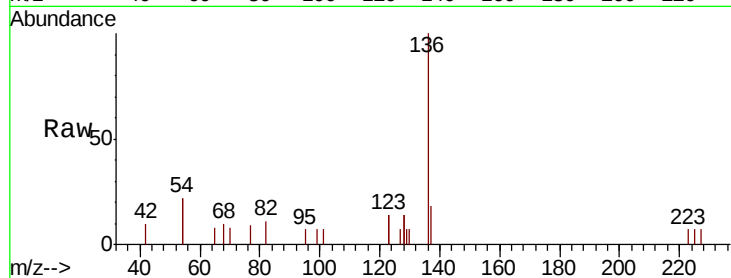
Ion Ratio Lower Upper

136 100

137 17.7 13.8 20.8

54 43.6 35.4 53.2

68 10.3 8.8 13.2

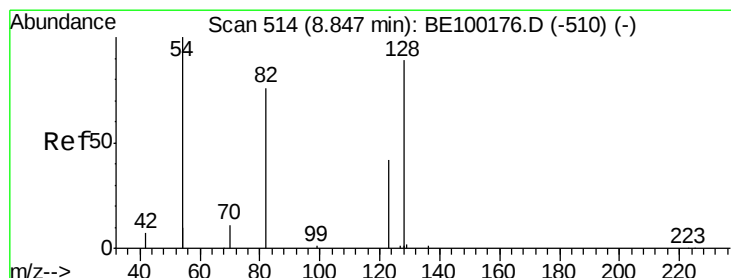
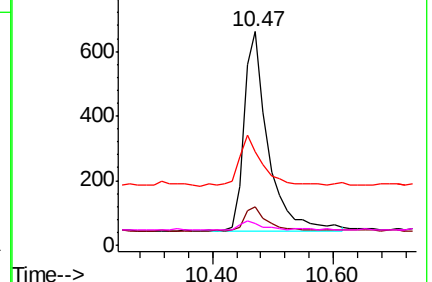
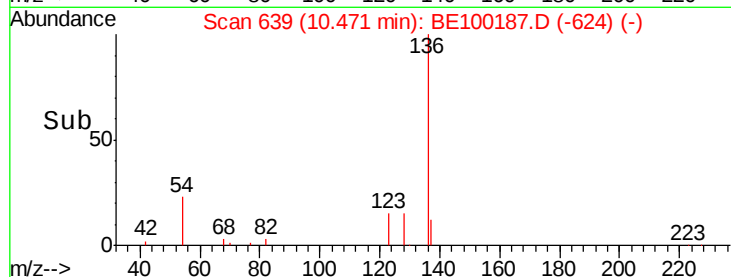


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

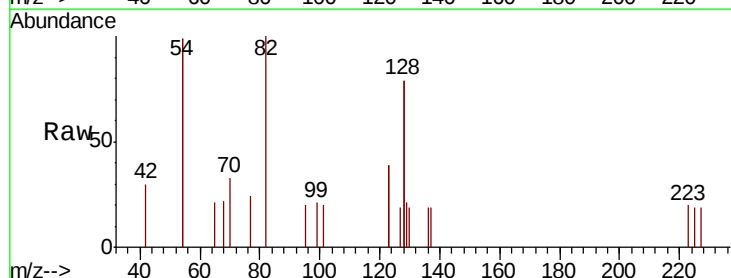
Tgt Ion: 82 Resp: 648

Ion Ratio Lower Upper

82 100

128 158.8 144.6 217.0

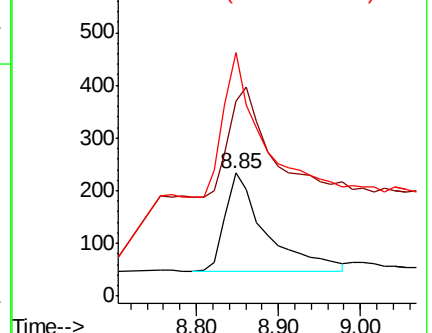
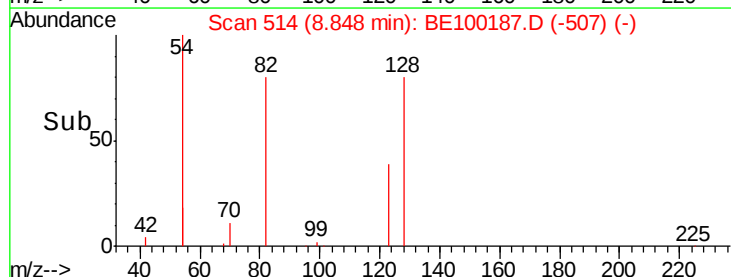
54 198.3 163.0 244.6

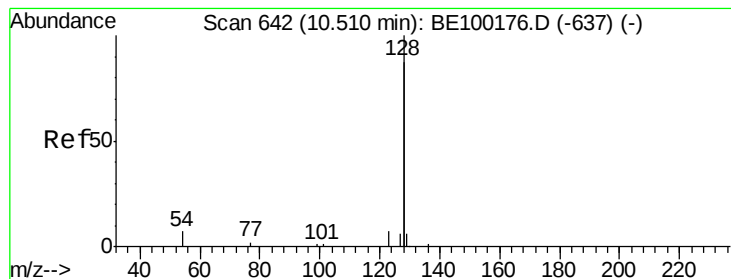


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.421 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

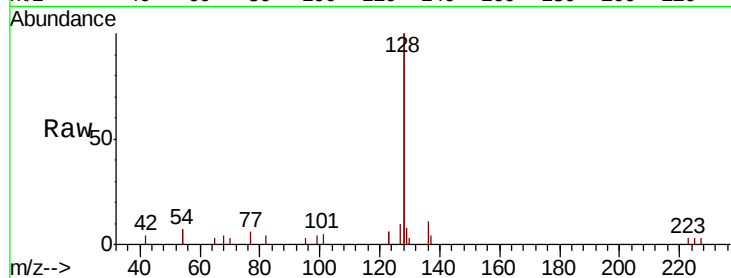
Tgt Ion:128 Resp: 7857

Ion Ratio Lower Upper

128 100

129 4.1 3.6 5.4

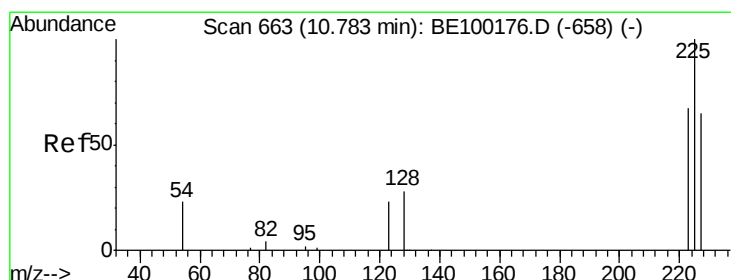
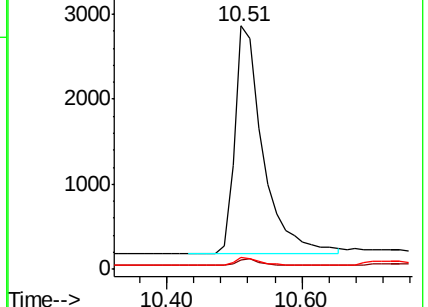
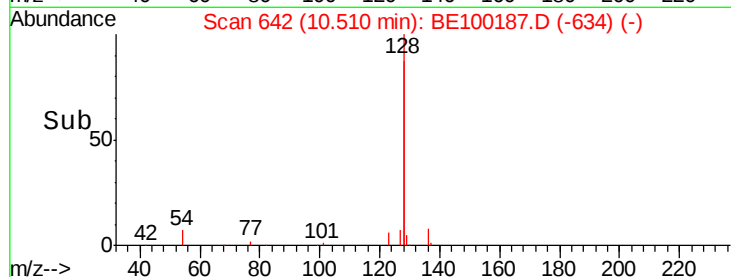
127 4.8 3.8 5.8



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: 0.448 ng

RT: 10.78 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

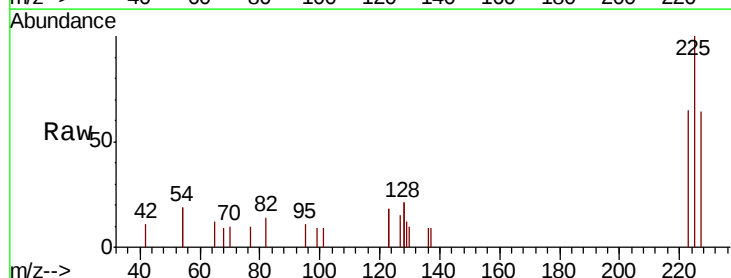
Tgt Ion:225 Resp: 862

Ion Ratio Lower Upper

225 100

223 64.2 50.1 75.1

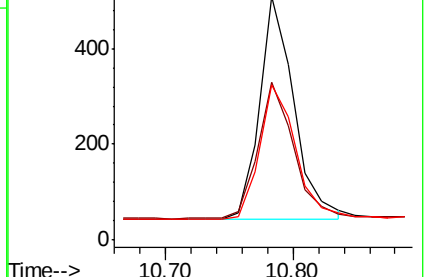
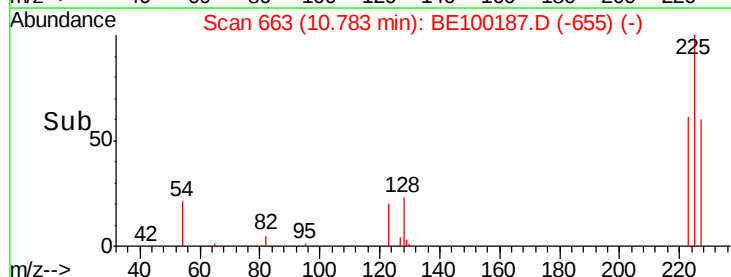
227 63.3 50.9 76.3

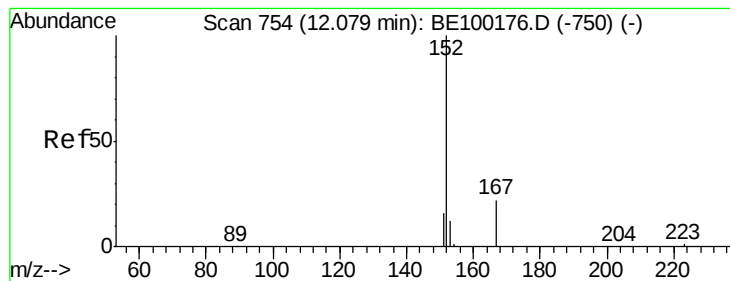


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

RT: 12.08 min Scan# 754

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

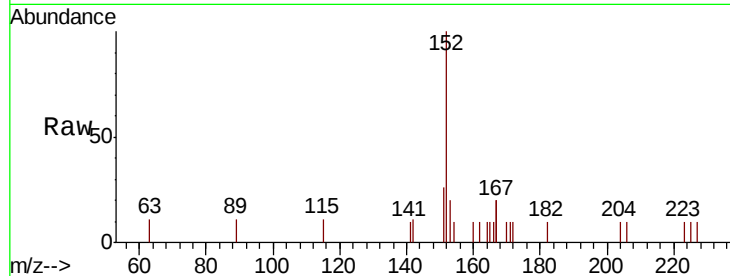
SSTDCCC0.4

Tgt Ion:152 Resp: 1319

Ion Ratio Lower Upper

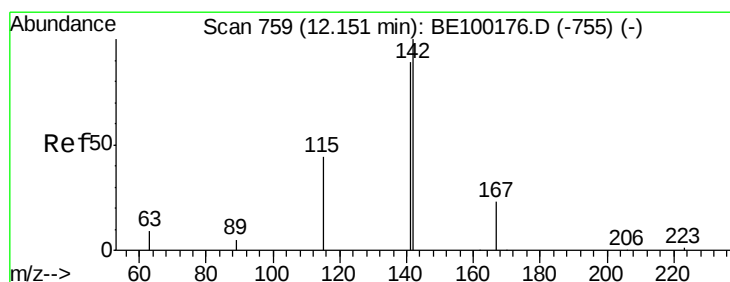
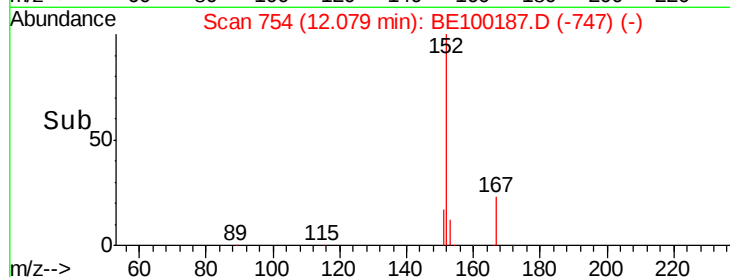
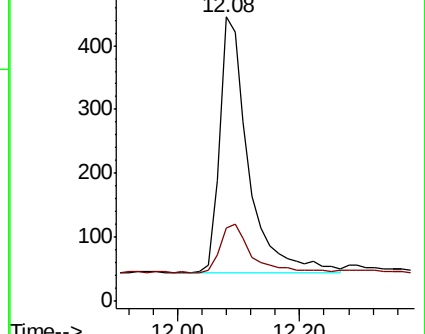
152 100

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: 0.423 ng

RT: 12.17 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

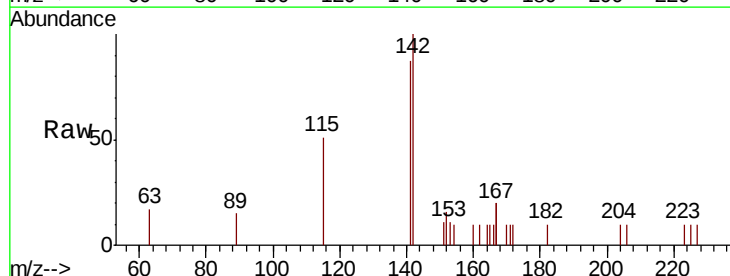
Tgt Ion:142 Resp: 1269

Ion Ratio Lower Upper

142 100

141 87.3 71.8 107.8

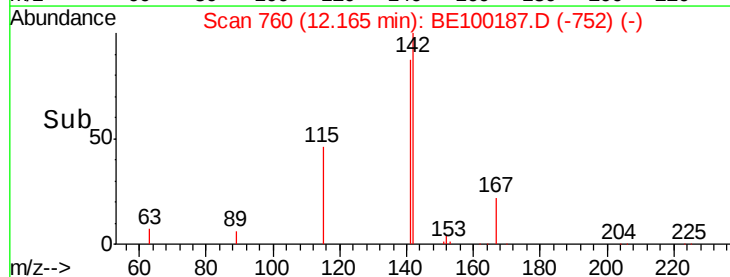
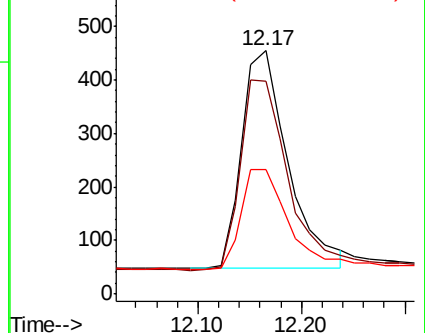
115 51.2 40.4 60.6

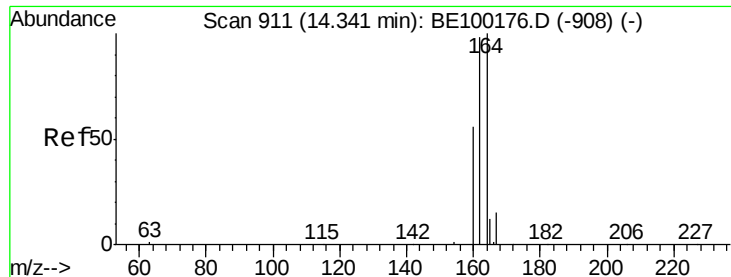


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

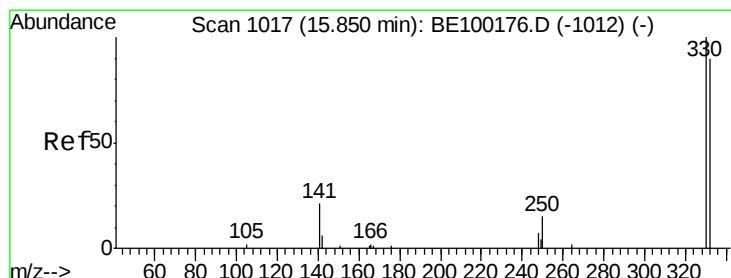
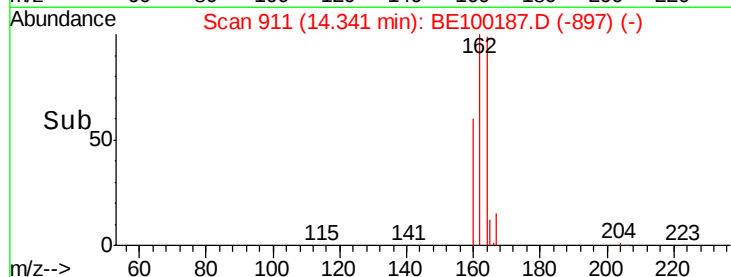
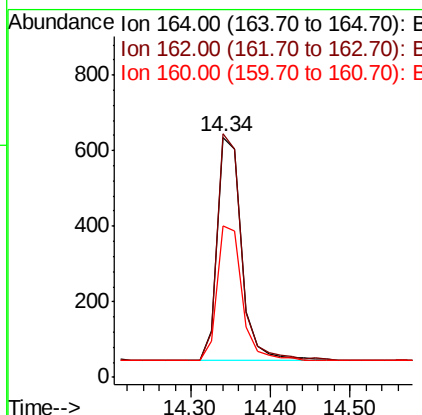
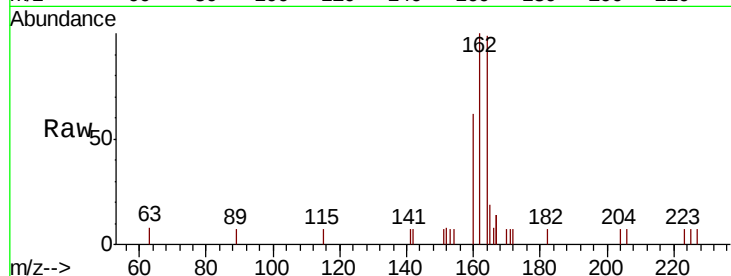




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

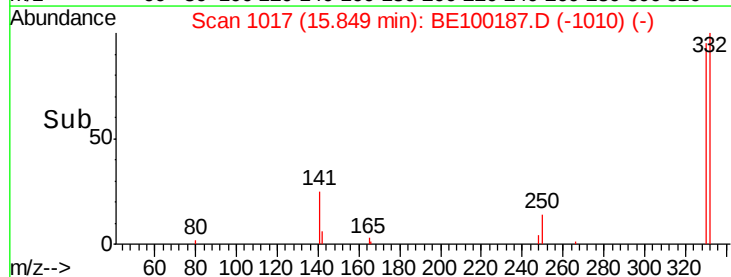
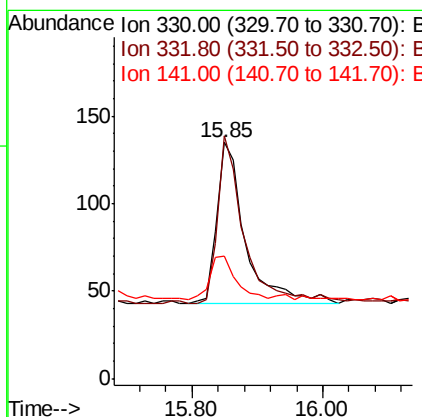
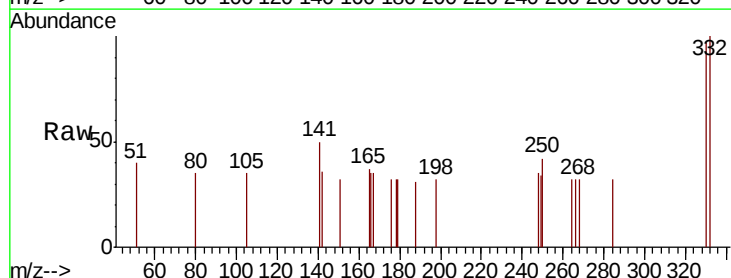
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

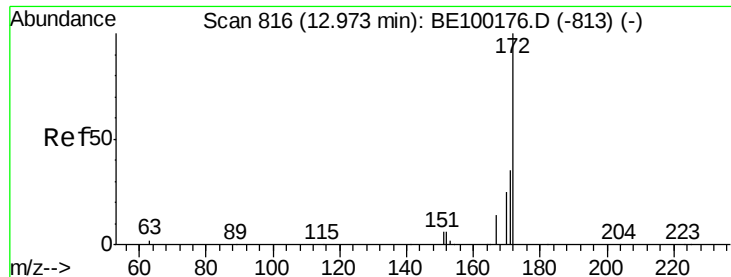
Tgt Ion:164 Resp: 1265
Ion Ratio Lower Upper
164 100
162 101.4 78.6 118.0
160 63.1 46.9 70.3



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Tgt Ion:330 Resp: 278
Ion Ratio Lower Upper
330 100
332 98.9 77.7 116.5
141 24.5 18.9 28.3

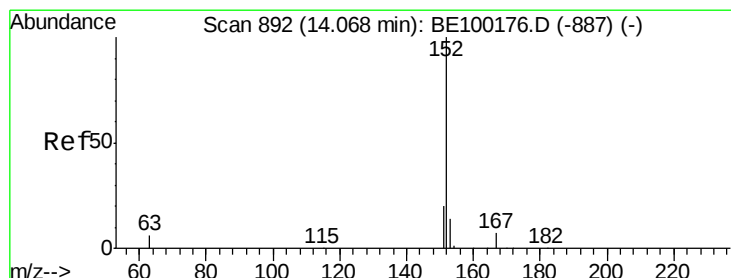
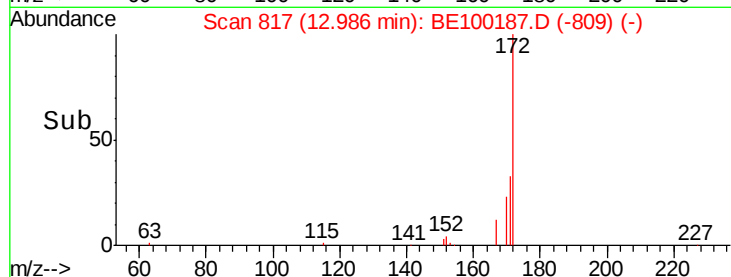
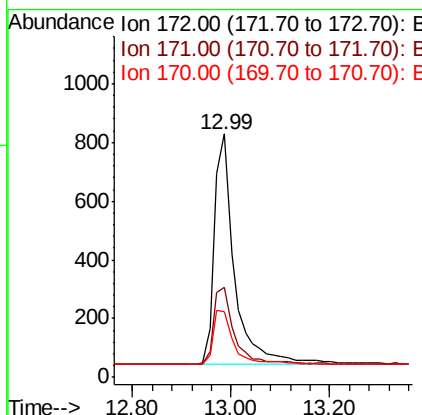
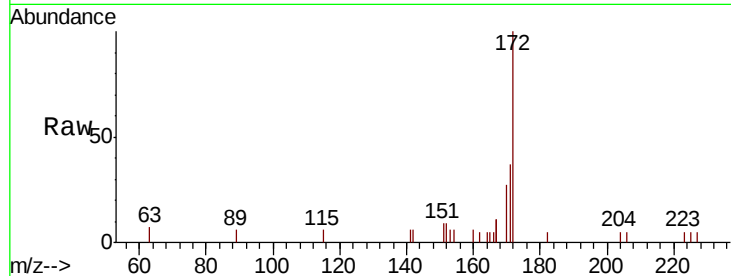




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

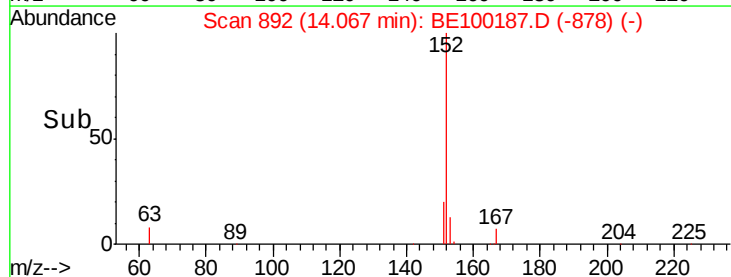
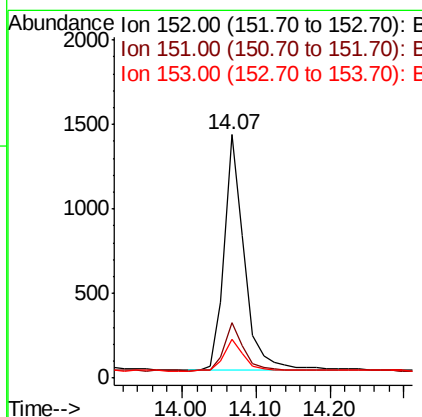
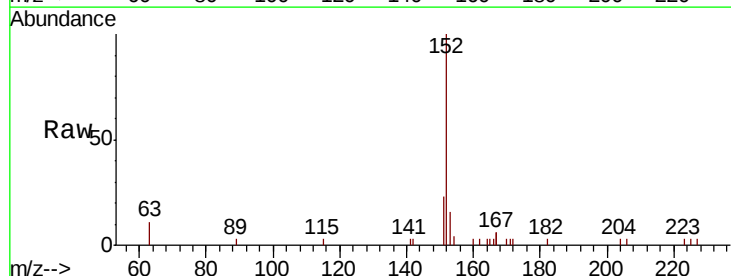
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

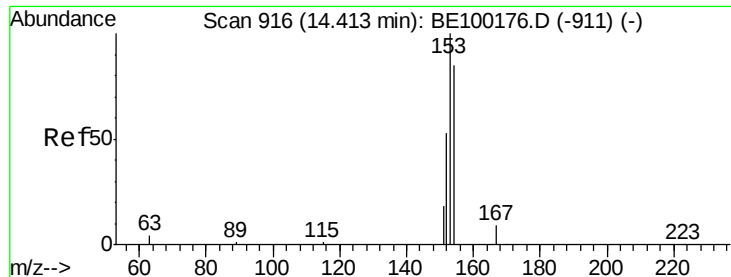
Tgt Ion:172 Resp: 2202
Ion Ratio Lower Upper
172 100
171 36.8 31.0 46.4
170 26.9 23.9 35.9



#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Tgt Ion:152 Resp: 2643
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 13.4 10.8 16.2

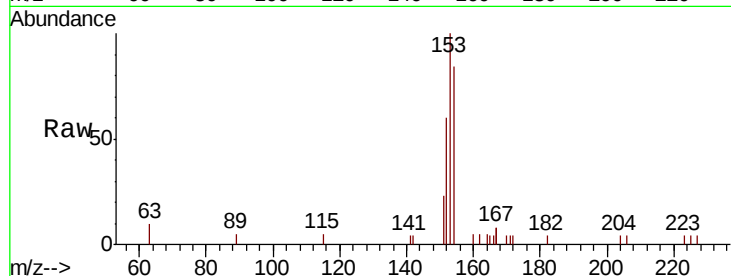




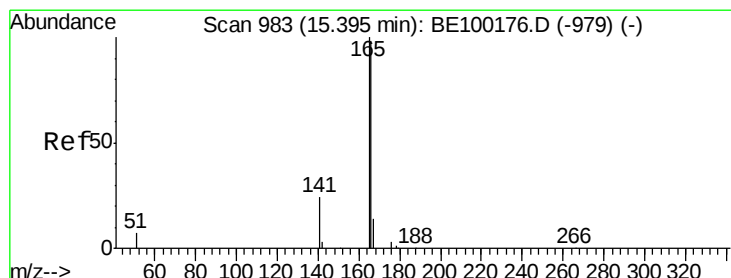
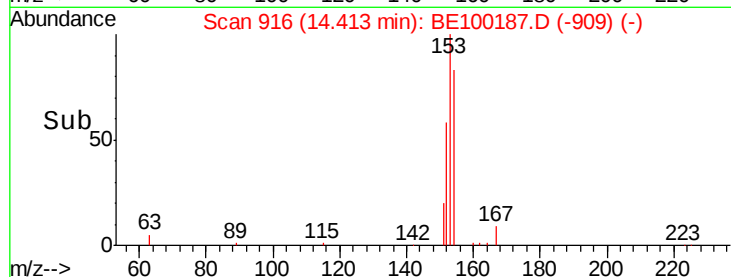
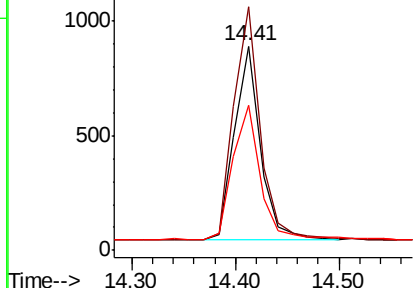
#17
Acenaphthene
Concen: 0.425 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1468
Ion Ratio Lower Upper
154 100
153 123.2 95.3 142.9
152 74.0 52.9 79.3

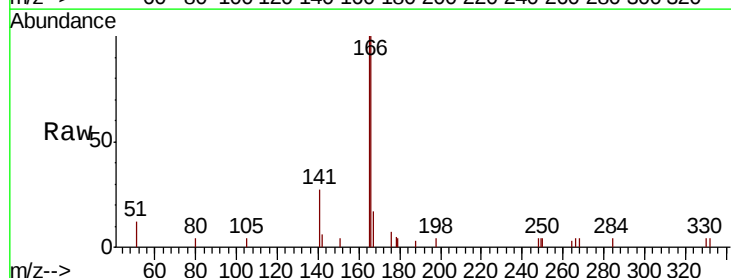


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

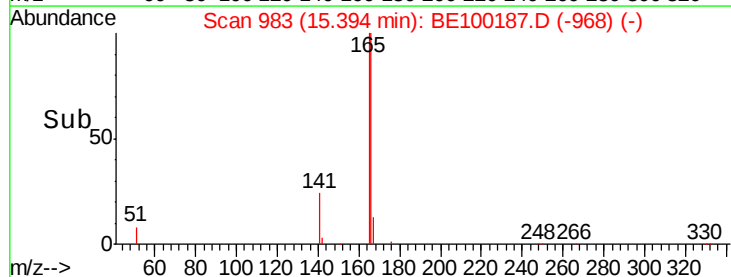
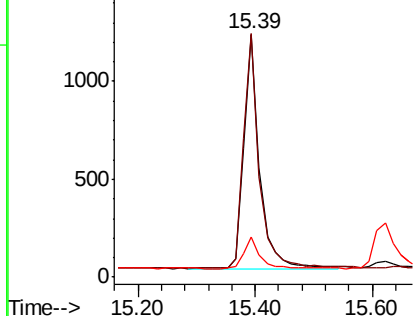


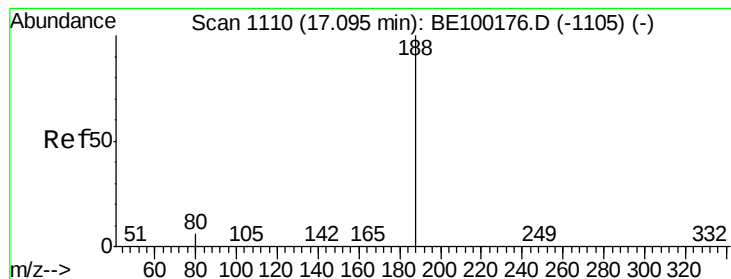
#18
Fluorene
Concen: 0.444 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Tgt Ion:166 Resp: 2221
Ion Ratio Lower Upper
166 100
165 99.5 81.0 121.4
167 13.5 11.4 17.0



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: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

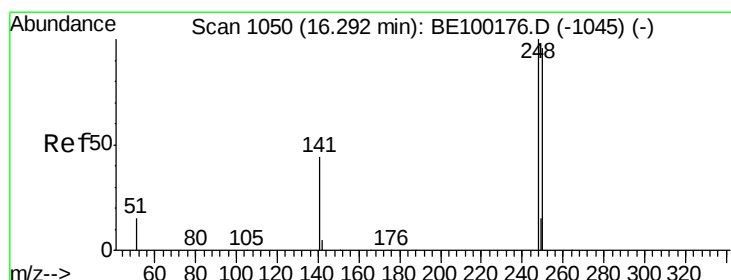
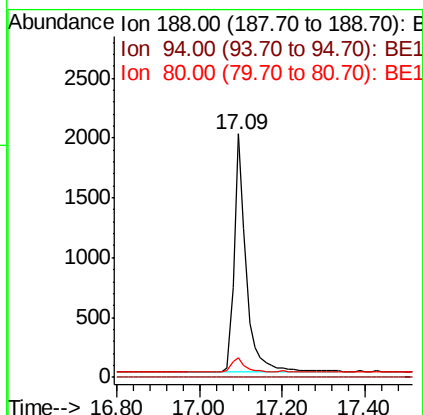
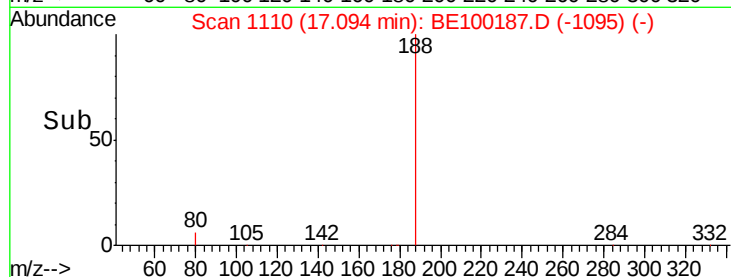
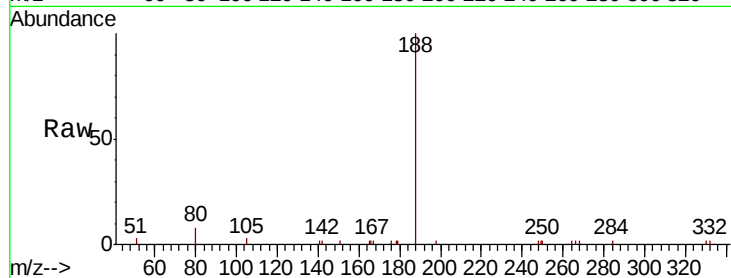
Tgt Ion:188 Resp: 4035

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.421 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

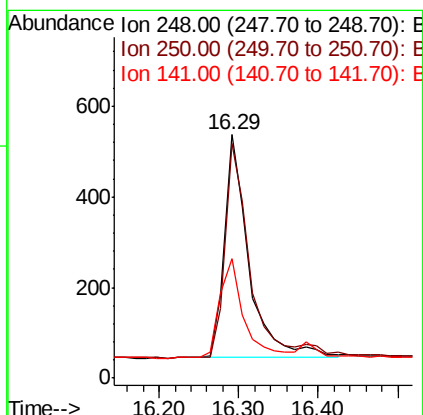
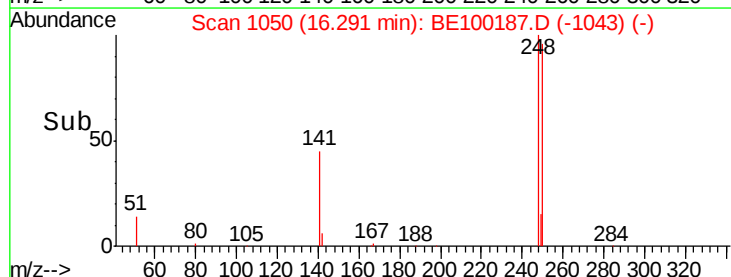
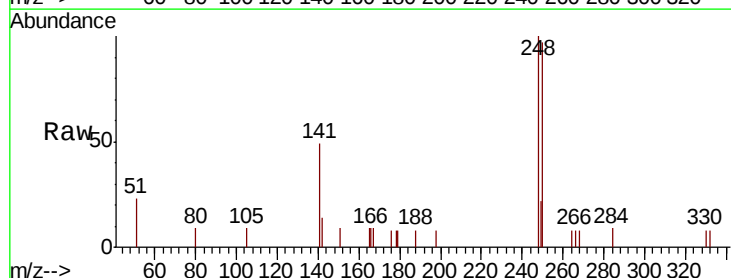
Tgt Ion:248 Resp: 1054

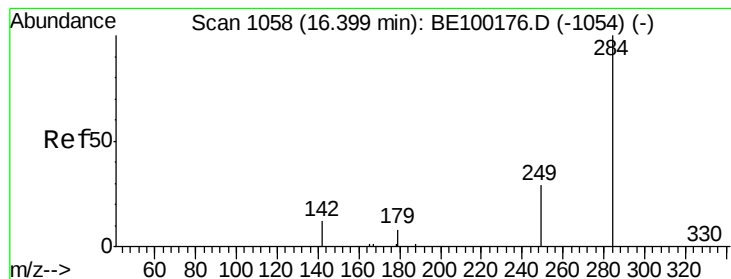
Ion Ratio Lower Upper

248 100

250 96.6 77.1 115.7

141 49.2 39.5 59.3





#21

Hexachlorobenzene

Concen: 0.447 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

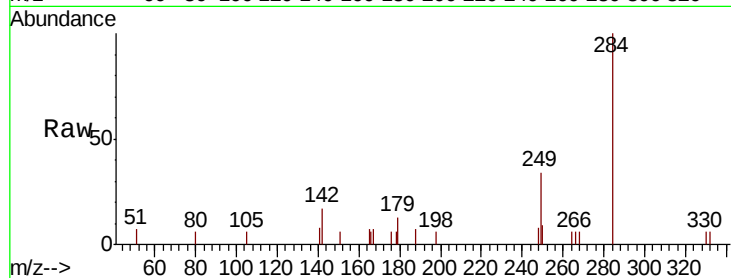
Instrument :

BNA_E

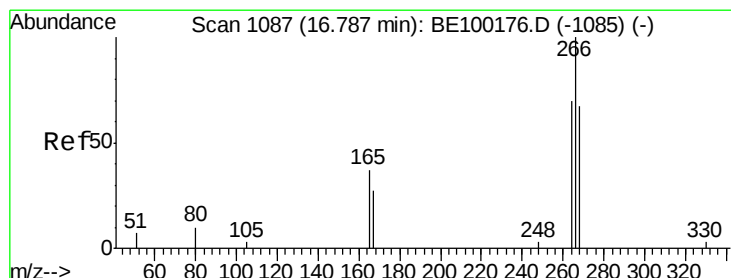
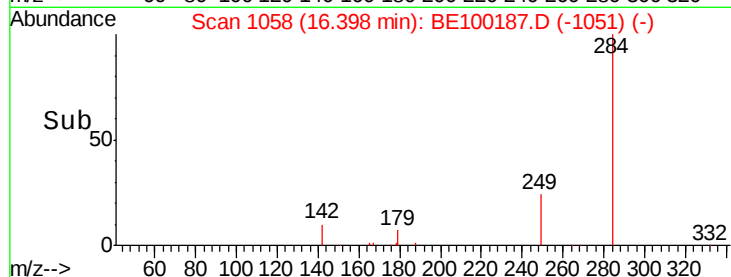
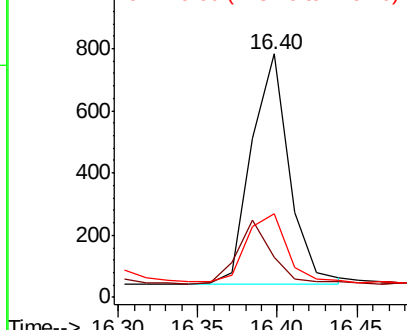
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	284	Resp:	1227
Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.1	30.1
249	30.8	26.2	39.4



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: 0.471 ng

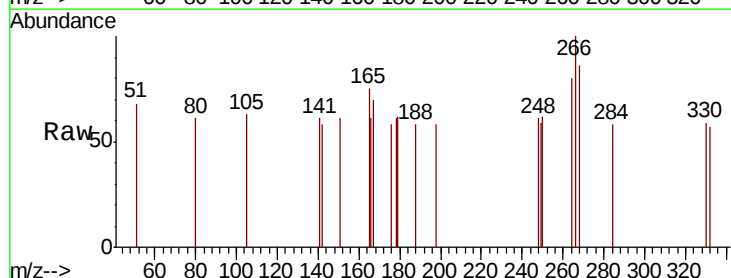
RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

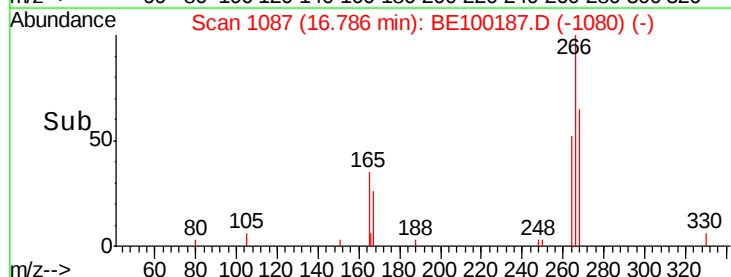
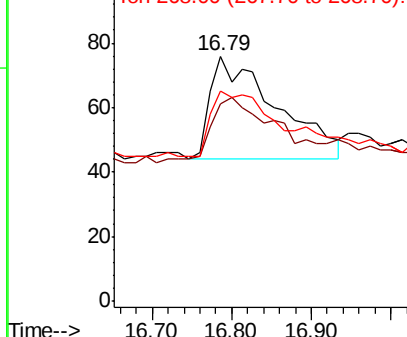
Lab File: BE100187.D

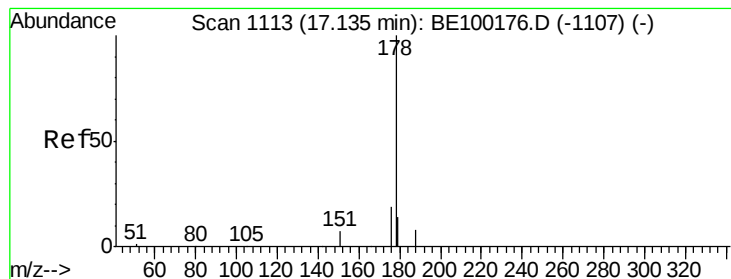
Acq: 26 Jun 2019 8:42

Tgt Ion:	266	Resp:	185
Ion	Ratio	Lower	Upper
266	100		
264	80.3	67.7	101.5
268	85.5	69.8	104.6



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: 0.422 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

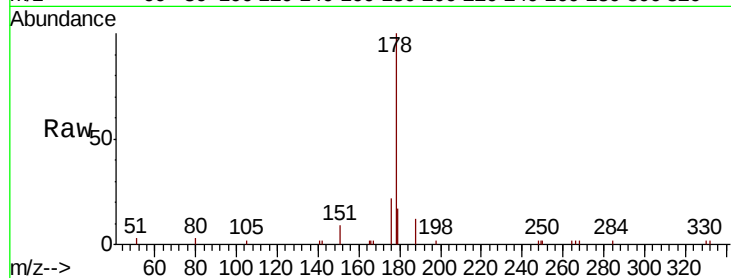
Tgt Ion:178 Resp: 4034

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 16.1 12.2 18.2

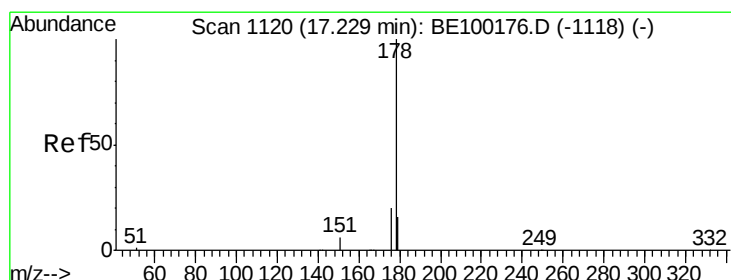
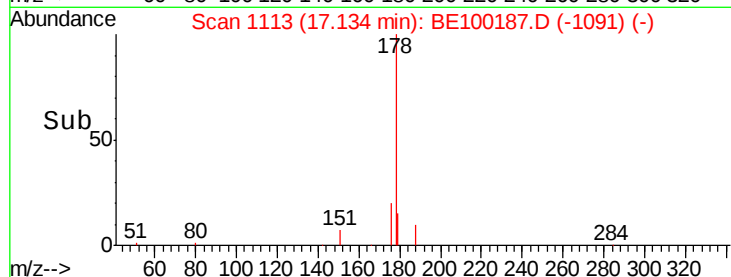
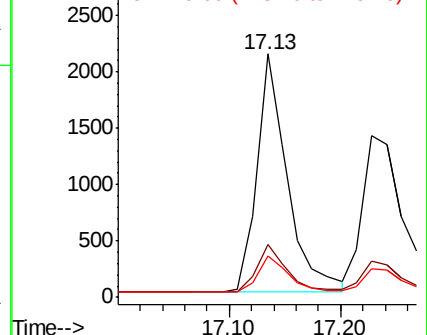


Abundance

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: 0.397 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

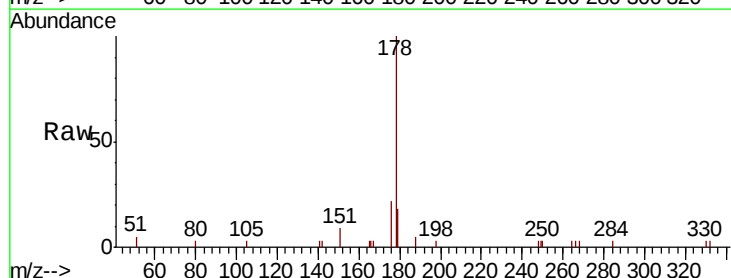
Tgt Ion:178 Resp: 3208

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

179 15.0 12.9 19.3

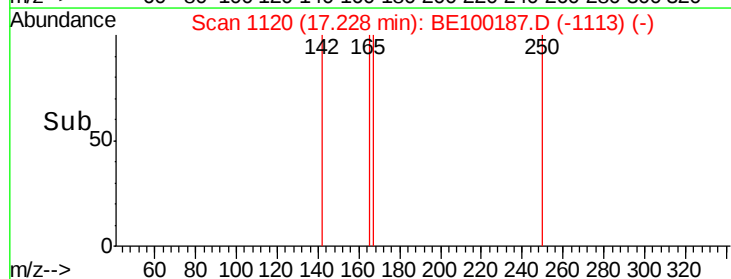
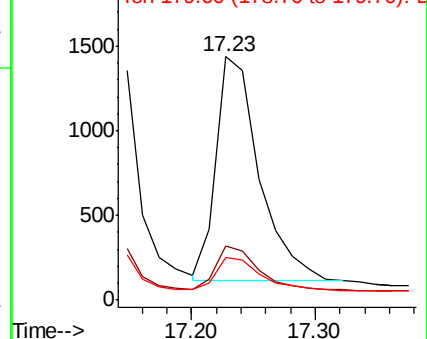


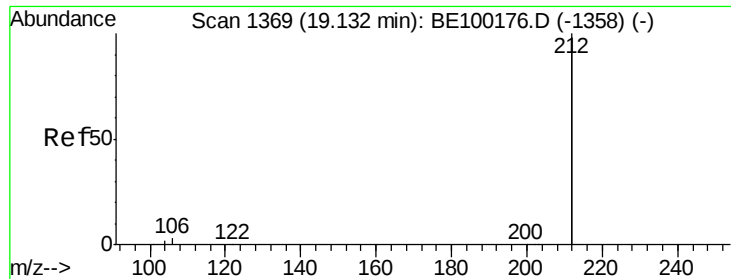
Abundance

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: 0.405 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

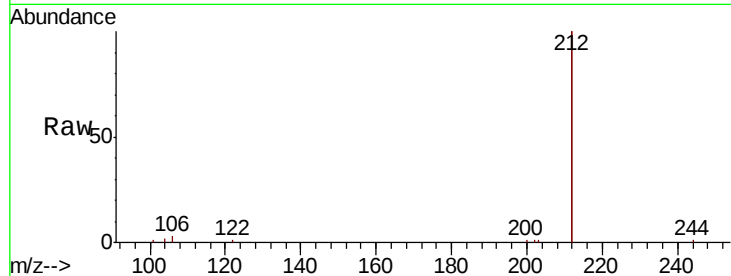
Instrument :

BNA_E

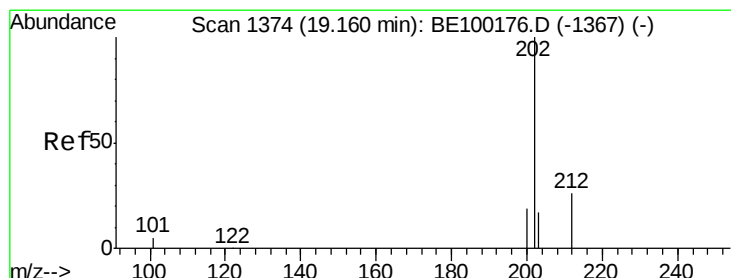
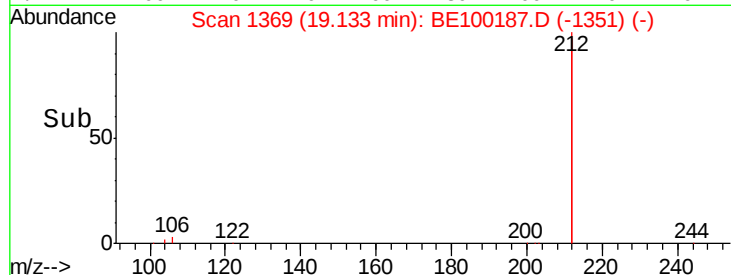
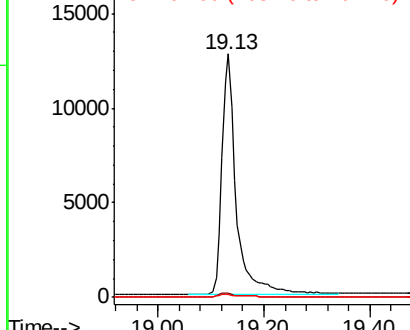
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	23547
Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.7	1.1



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: 0.412 ng

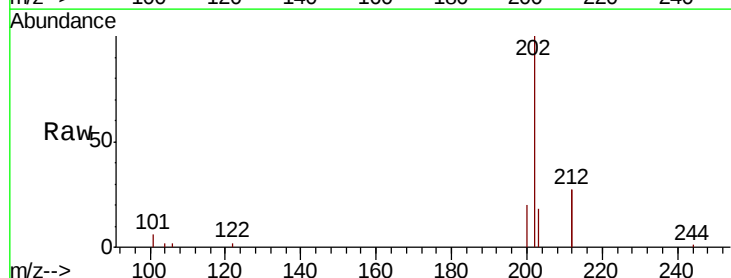
RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

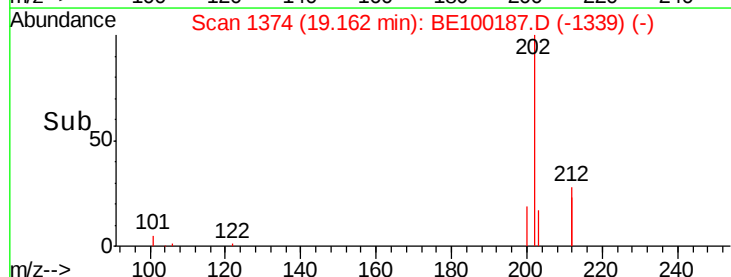
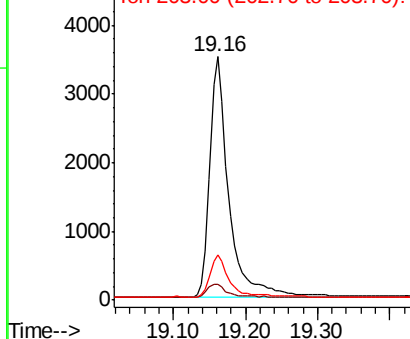
Lab File: BE100187.D

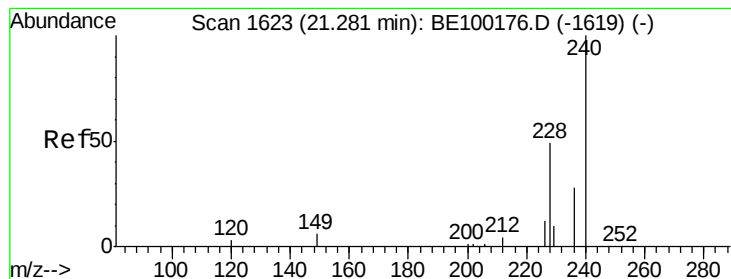
Acq: 26 Jun 2019 8:42

Tgt Ion:	202	Resp:	6399
Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.5	6.7
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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

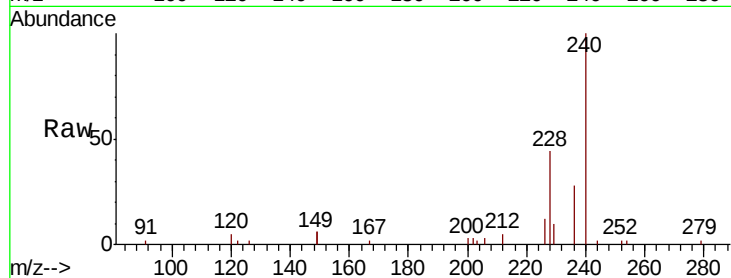
Tgt Ion:240 Resp: 5459

Ion Ratio Lower Upper

240 100

120 4.6 4.1 6.1

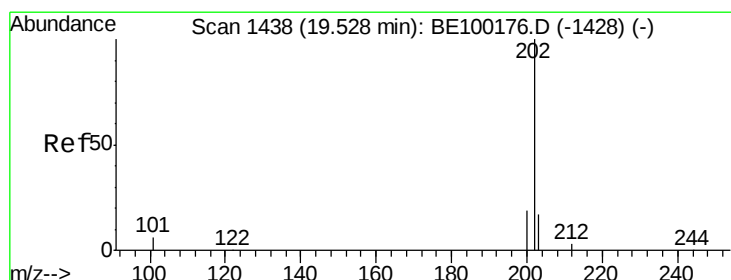
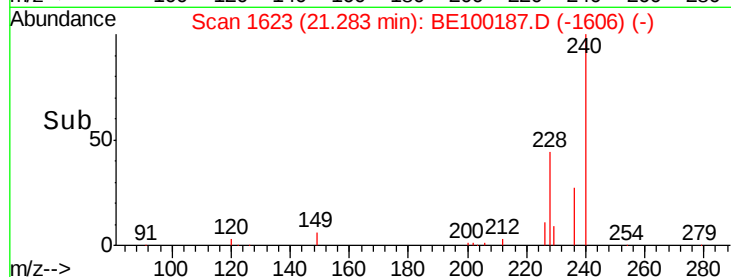
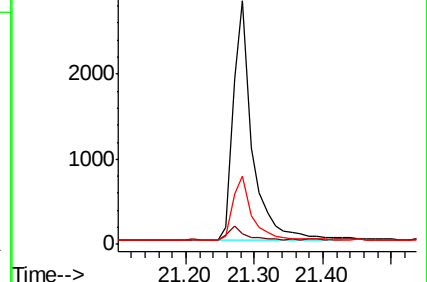
236 28.0 23.0 34.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.449 ng

RT: 19.52 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

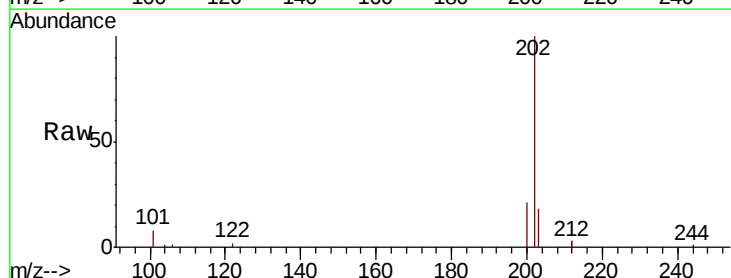
Tgt Ion:202 Resp: 6274

Ion Ratio Lower Upper

202 100

200 19.5 15.5 23.3

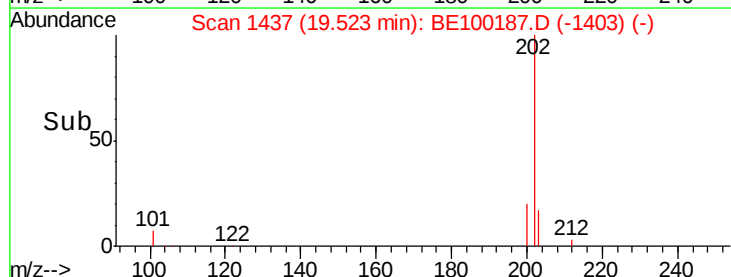
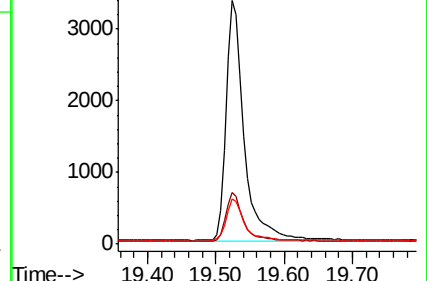
203 17.2 13.9 20.9

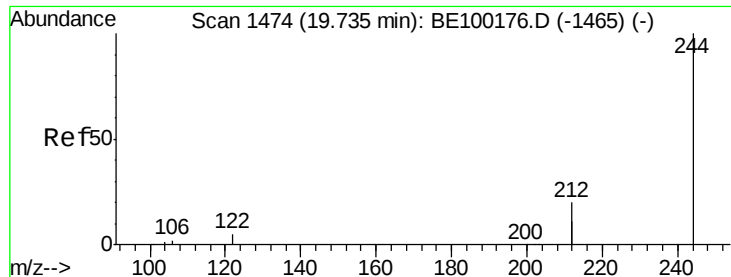


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.74 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

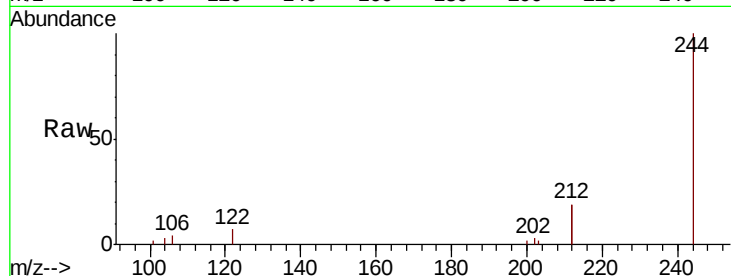
Tgt Ion:244 Resp: 4709

Ion Ratio Lower Upper

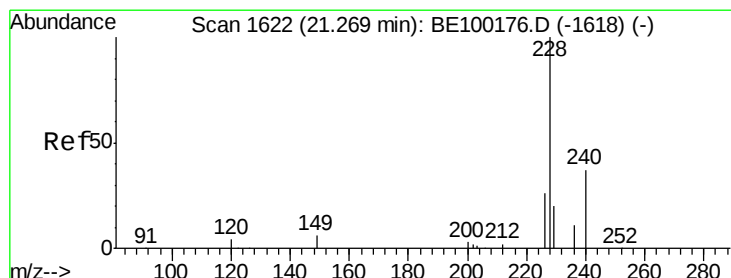
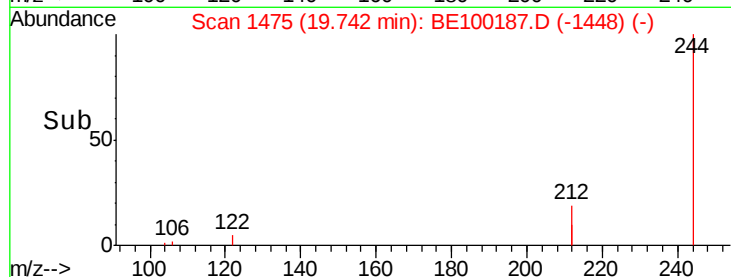
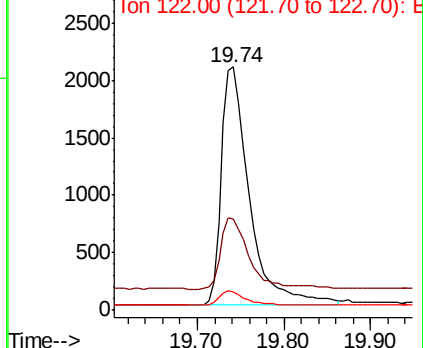
244 100

212 37.6 30.7 46.1

122 7.4 5.8 8.6



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: 0.417 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

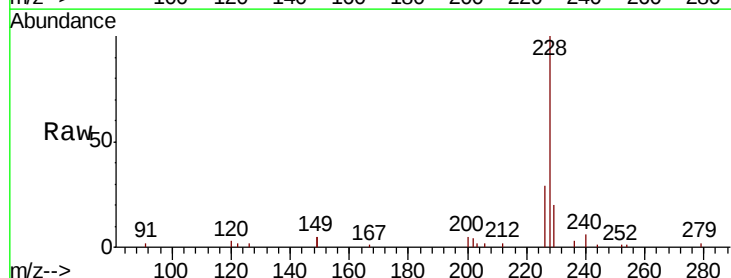
Tgt Ion:228 Resp: 6717

Ion Ratio Lower Upper

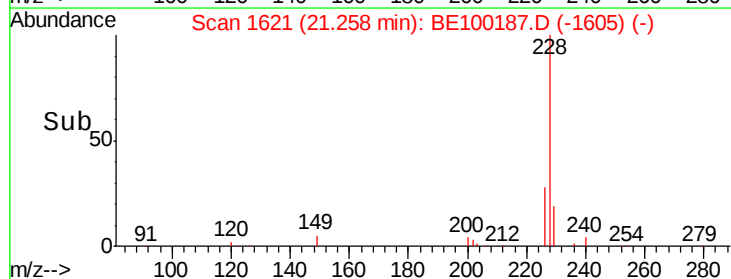
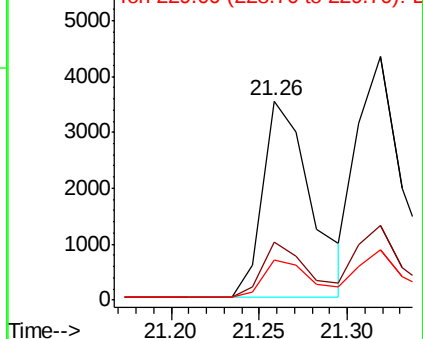
228 100

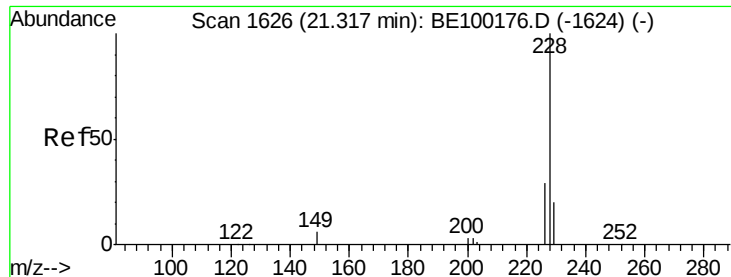
226 28.9 21.5 32.3

229 20.0 17.2 25.8



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: 0.415 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

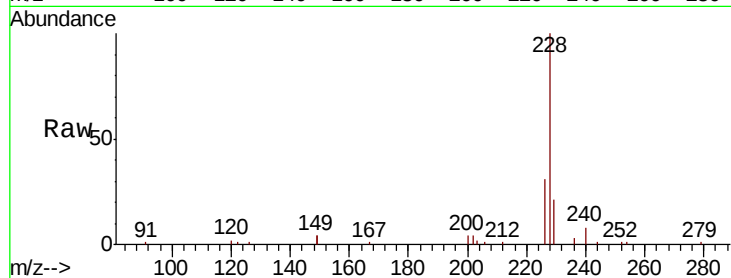
Tgt Ion:228 Resp: 7829

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

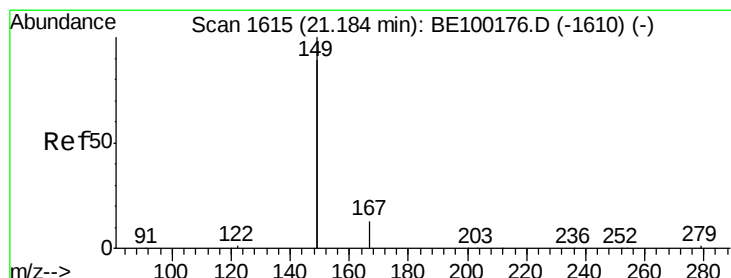
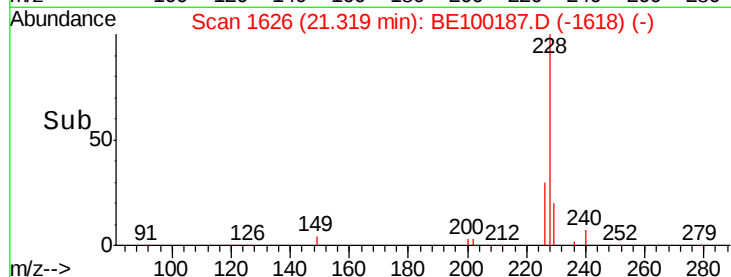
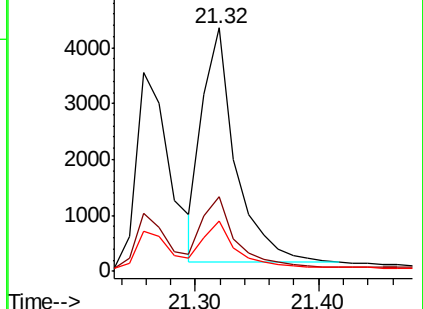
229 20.6 16.5 24.7



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: 0.294 ng

RT: 21.19 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

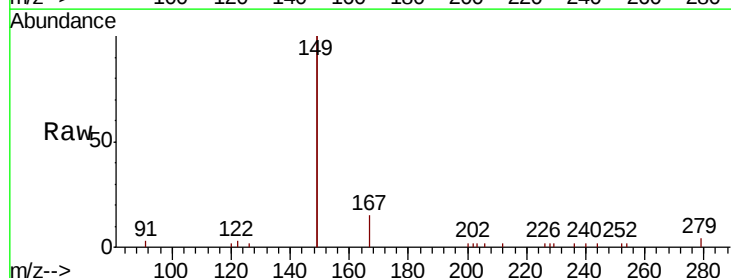
Tgt Ion:149 Resp: 5436

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

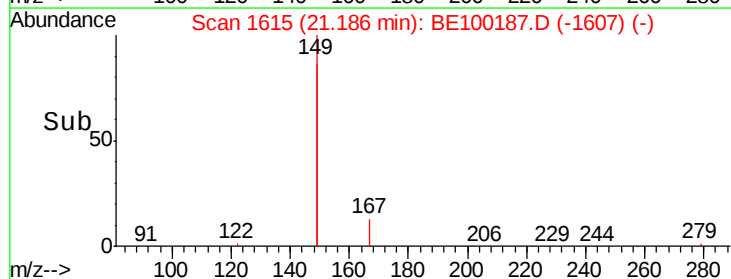
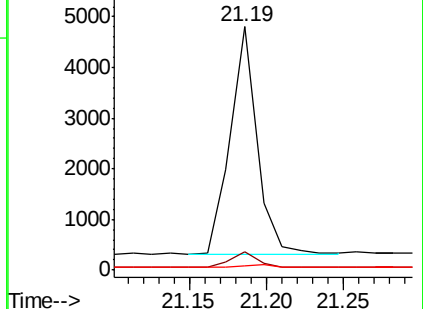
279 1.7 1.0 1.6#

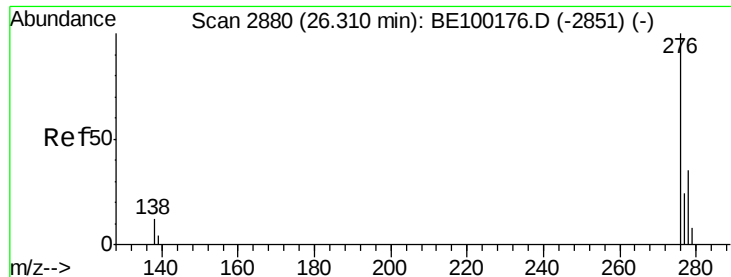


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.345 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

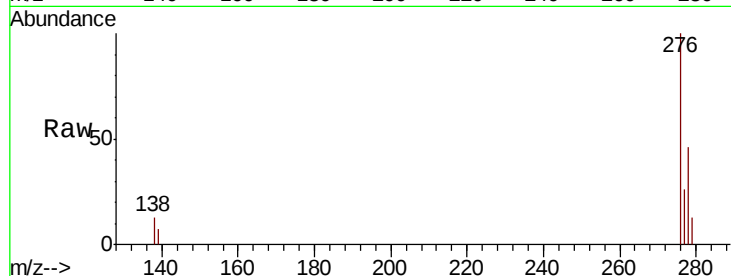
Tgt Ion:276 Resp: 9281

Ion Ratio Lower Upper

276 100

138 11.6 3.7 5.5#

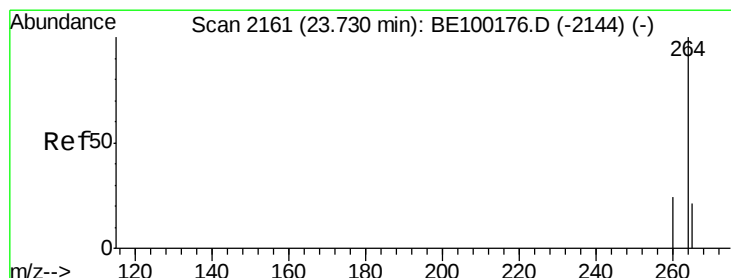
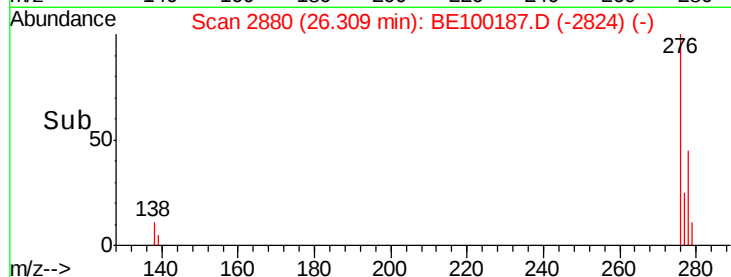
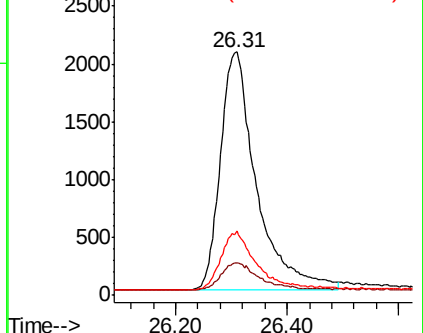
277 23.8 18.7 28.1



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: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

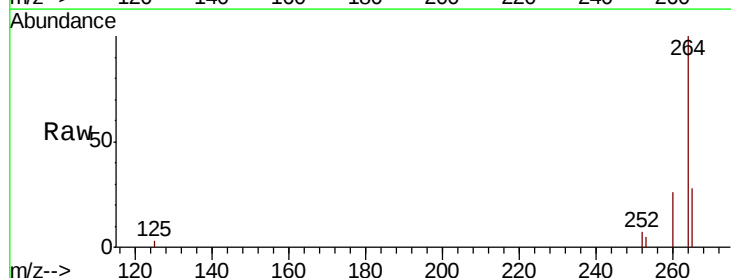
Tgt Ion:264 Resp: 6043

Ion Ratio Lower Upper

264 100

260 26.5 20.4 30.6

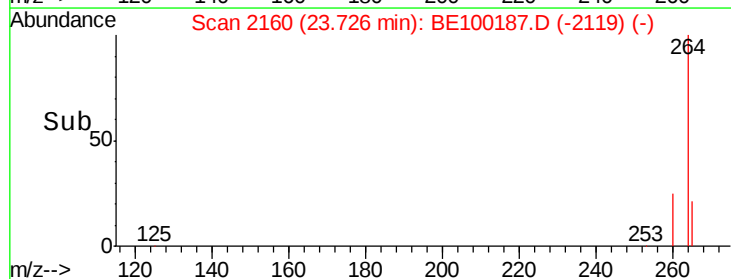
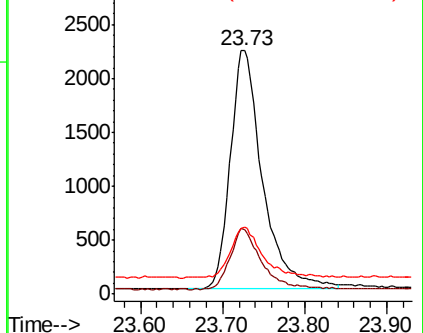
265 27.8 22.5 33.7

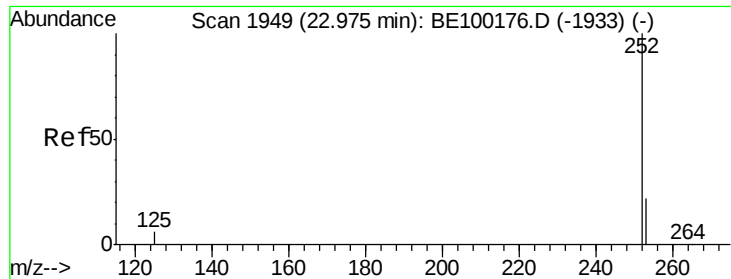


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

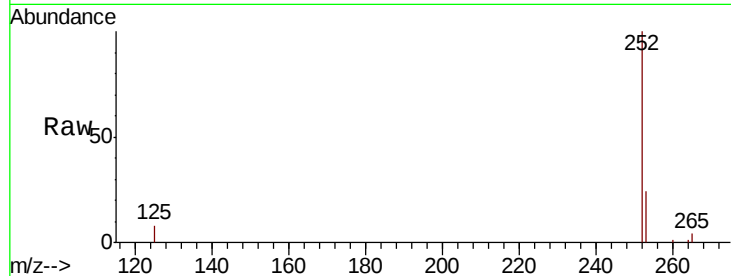




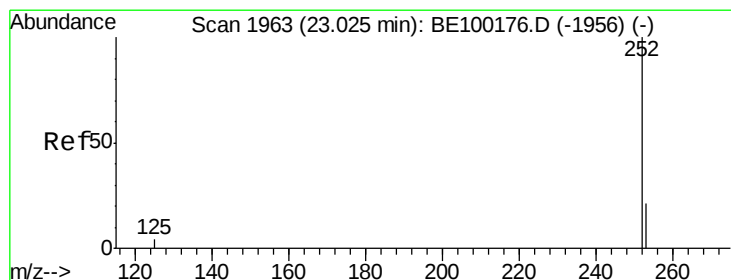
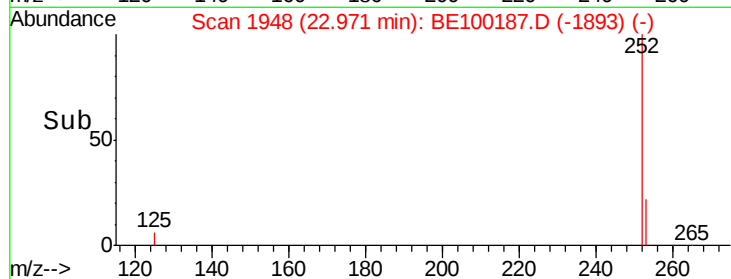
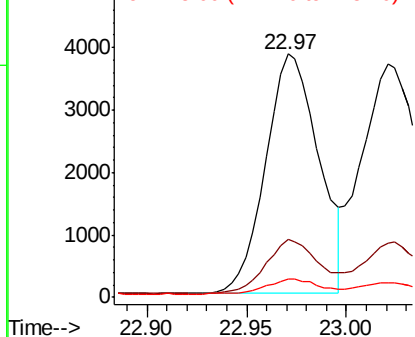
#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7119
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.4
125 7.6 6.3 9.5

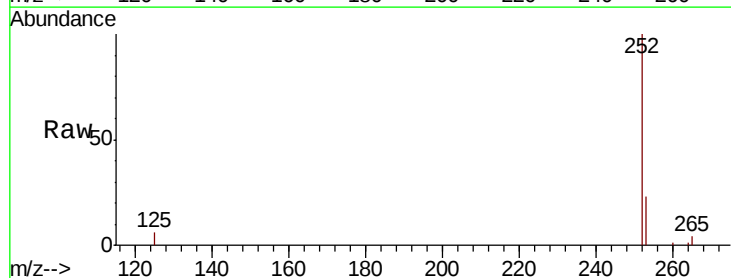


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

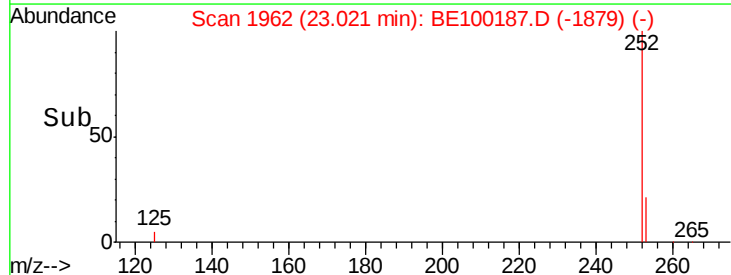
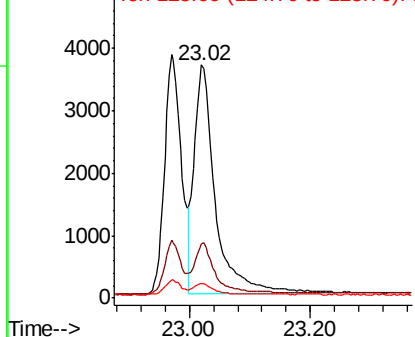


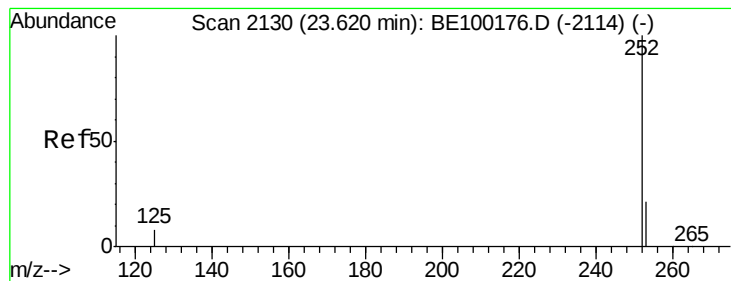
#36
Benzo(k)fluoranthene
Concen: 0.452 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100187.D
Acq: 26 Jun 2019 8:42

Tgt Ion:252 Resp: 8789
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.0 5.0 7.4



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: 0.418 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

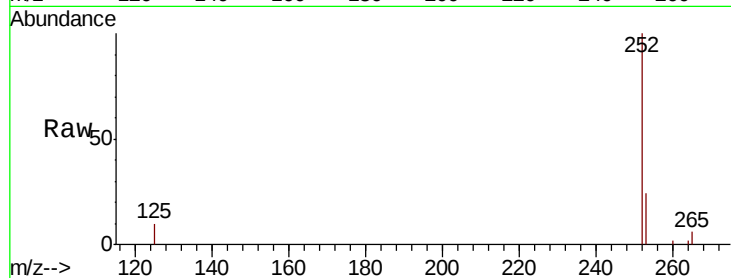
Tgt Ion: 252 Resp: 7034

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

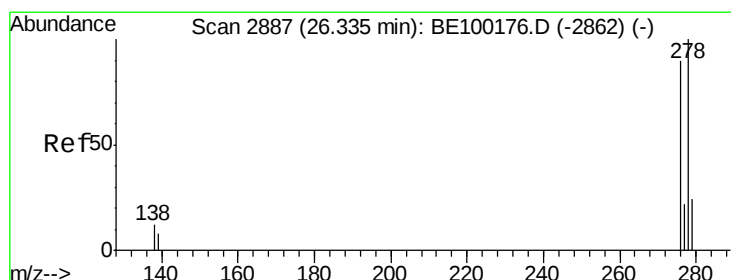
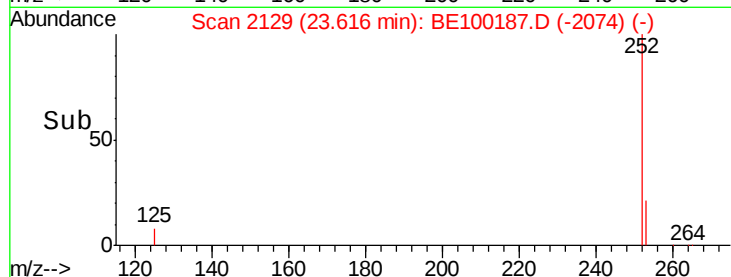
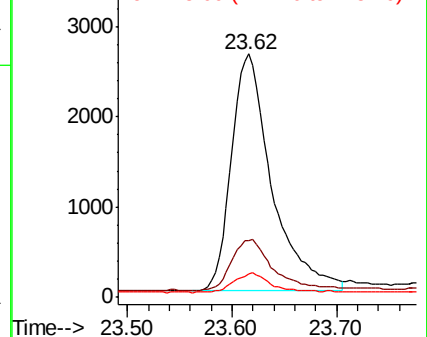
125 9.8 8.2 12.2



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: 0.400 ng

RT: 26.33 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

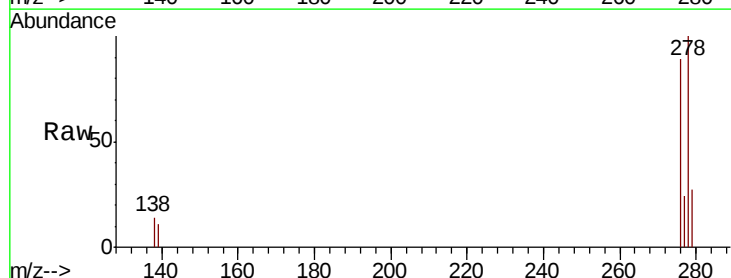
Tgt Ion: 278 Resp: 7205

Ion Ratio Lower Upper

278 100

139 10.8 9.0 13.4

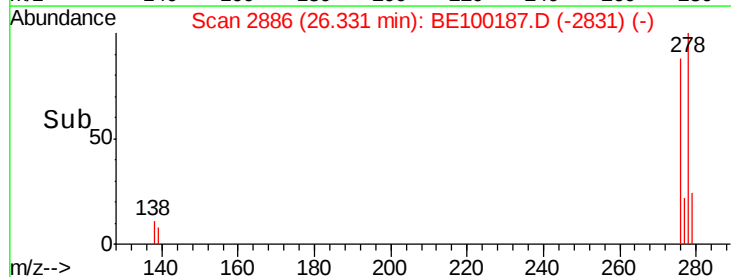
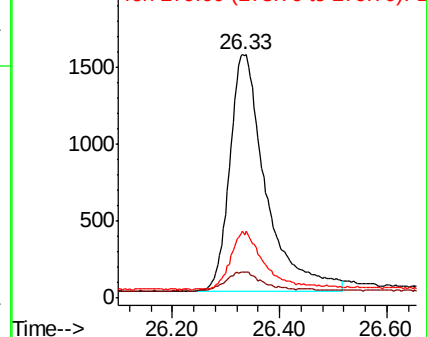
279 27.4 21.1 31.7

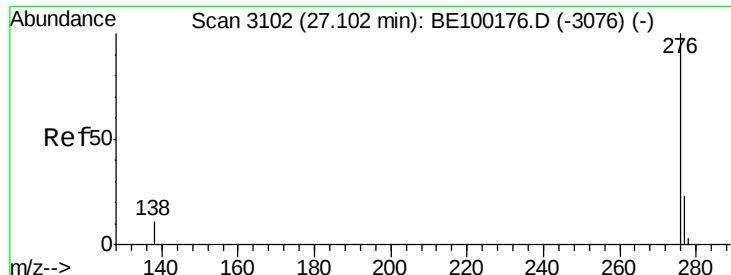


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.394 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100187.D

Acq: 26 Jun 2019 8:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

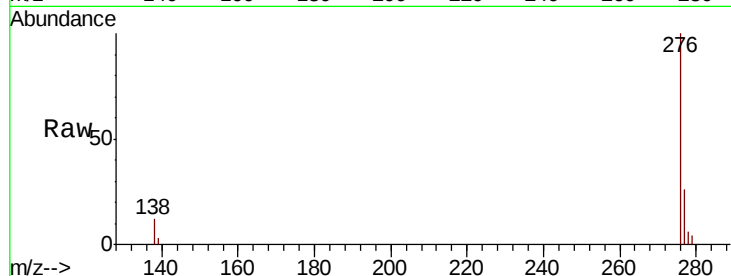
Tgt Ion: 276 Resp: 7408

Ion Ratio Lower Upper

276 100

277 25.6 19.8 29.6

138 12.4 10.2 15.4



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

