

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
 Data File : BE100141.D
 Acq On : 21 Jun 2019 18:04
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 22 02:03:54 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	482	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2023	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1992	0.40	ng	-0.01
19) Phenanthrene-d10	17.16	188	6327	0.40	ng	0.00
27) Chrysene-d12	21.34	240	7306	0.40	ng	0.00
34) Perylene-d12	23.84	264	7784	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	573	0.57	ng	-0.01
5) Phenol-d6	6.92	99	752	0.55	ng	-0.01
8) Nitrobenzene-d5	8.91	82	762	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	1661	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	364	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	2923	0.37	ng	-0.01
25) Fluoranthene-d10	19.20	212	34430	0.38	ng	0.00
29) Terphenyl-d14	19.80	244	6660	0.46	ng	0.00

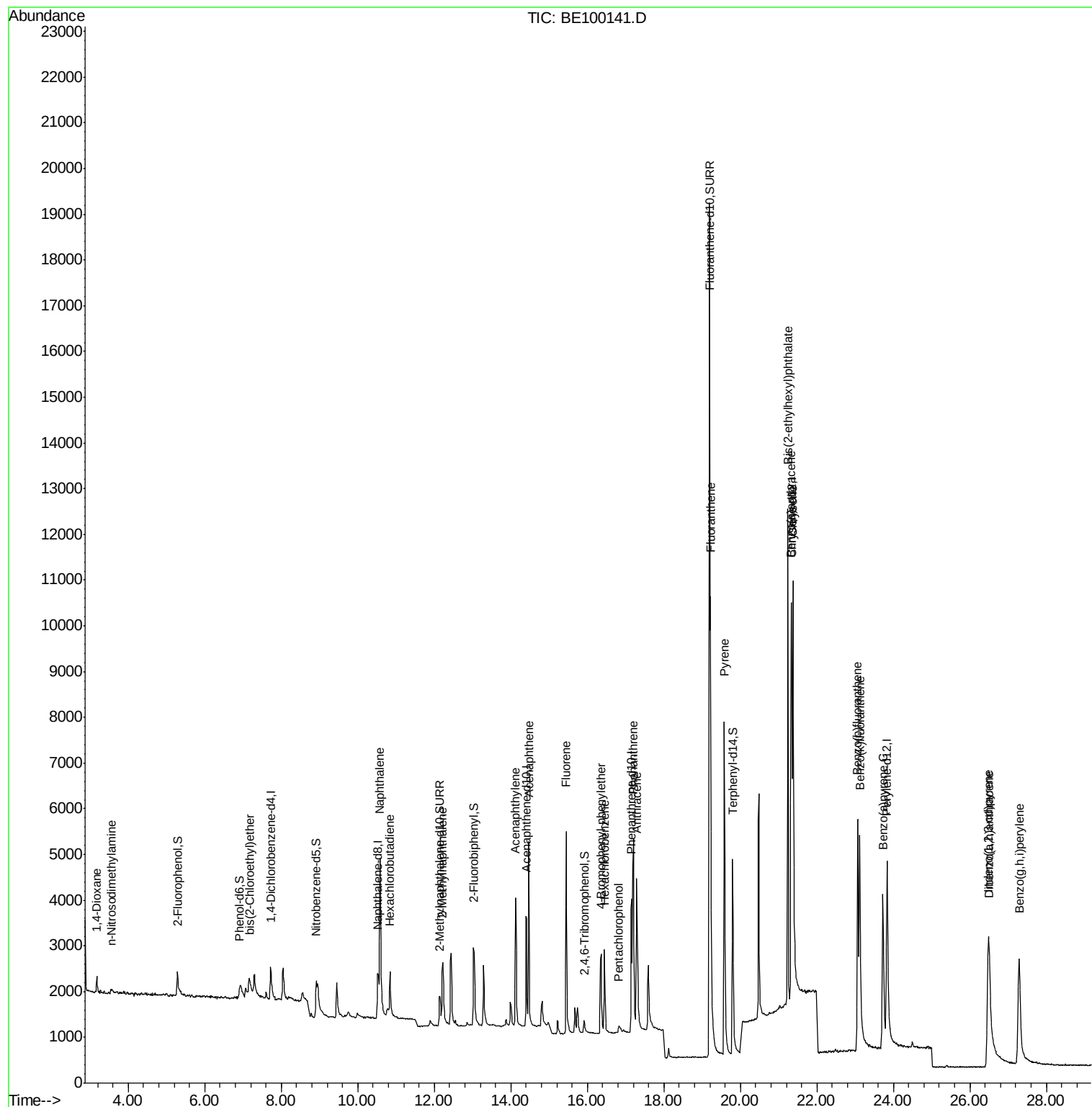
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	316	0.409	ng	88
3) n-Nitrosodimethylamine	3.57	42	103	0.544	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	538	0.413	ng	# 69
9) Naphthalene	10.58	128	8780	0.399	ng	99
10) Hexachlorobutadiene	10.85	225	748	0.346	ng	95
12) 2-Methylnaphthalene	12.22	142	1616	0.447	ng	96
16) Acenaphthylene	14.13	152	3707	0.392	ng	99
17) Acenaphthene	14.47	154	2090	0.395	ng	97
18) Fluorene	15.45	166	3257	0.414	ng	99
20) 4-Bromophenyl-phenylether	16.36	248	1536	0.408	ng	95
21) Hexachlorobenzene	16.45	284	1645	0.396	ng	96
22) Pentachlorophenol	16.83	266	190	0.383	ng	90
23) Phenanthrene	17.20	178	6006	0.396	ng	98
24) Anthracene	17.30	178	5017	0.392	ng	98
26) Fluoranthene	19.22	202	9258	0.380	ng	100
28) Pyrene	19.59	202	9431	0.502	ng	99
30) Benzo(a)anthracene	21.33	228	8201	0.377	ng	98
31) Chrysene	21.38	228	10145	0.402	ng	98
32) Bis(2-ethylhexyl)phthalate	21.24	149	12542	0.612	ng	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	8167	0.287	ng	93
35) Benzo(b)fluoranthene	23.07	252	7887	0.345	ng	98
36) Benzo(k)fluoranthene	23.12	252	9286	0.357	ng	98
37) Benzo(a)pyrene	23.73	252	8106	0.368	ng	95
38) Dibenzo(a,h)anthracene	26.51	278	5091	0.225	ng	# 92
39) Benzo(g,h,i)perylene	27.29	276	8238	0.351	ng	99

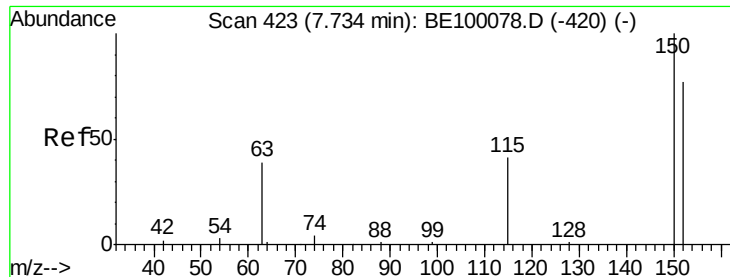
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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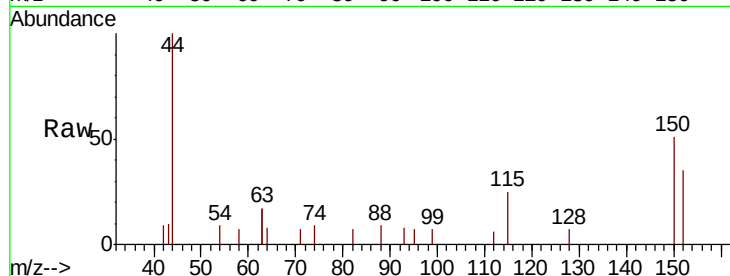


#1

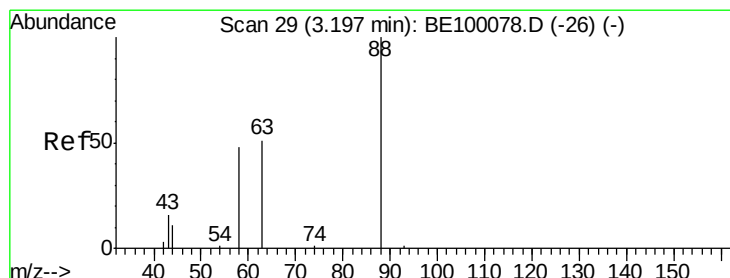
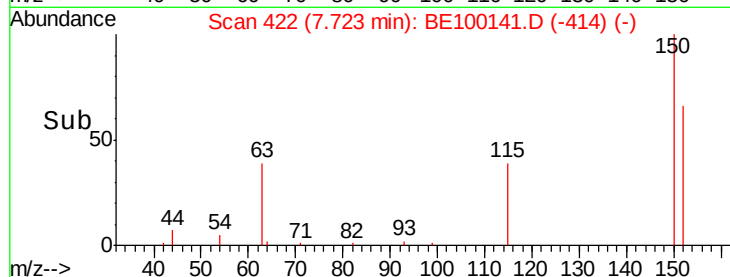
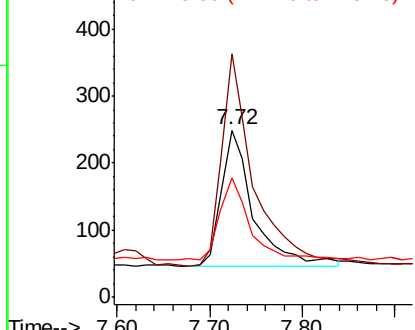
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 482
Ion Ratio Lower Upper
152 100
150 145.8 99.8 149.8
115 71.5 51.3 76.9



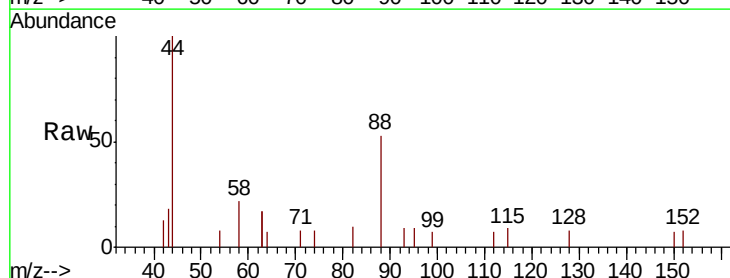
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



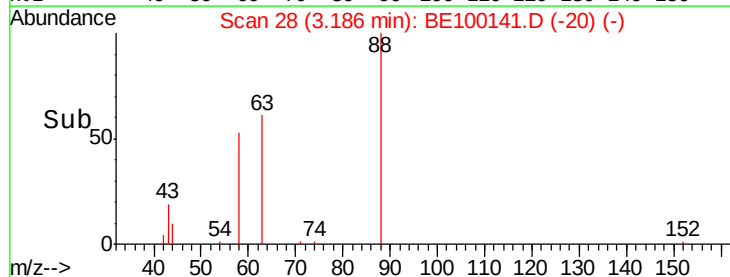
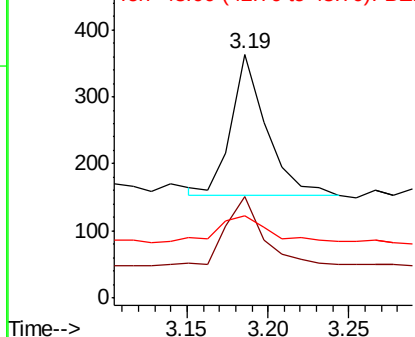
#2

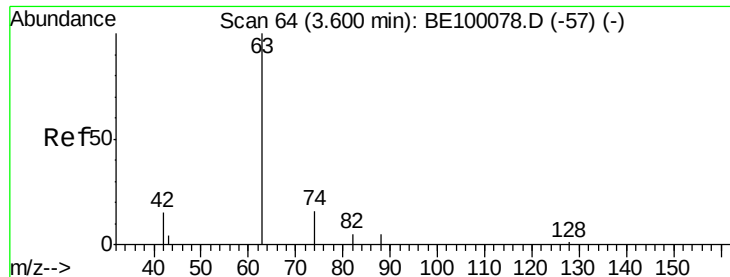
1,4-Dioxane
Concen: 0.409 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion: 88 Resp: 316
Ion Ratio Lower Upper
88 100
58 51.3 51.1 76.7
43 27.8 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: 0.544 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

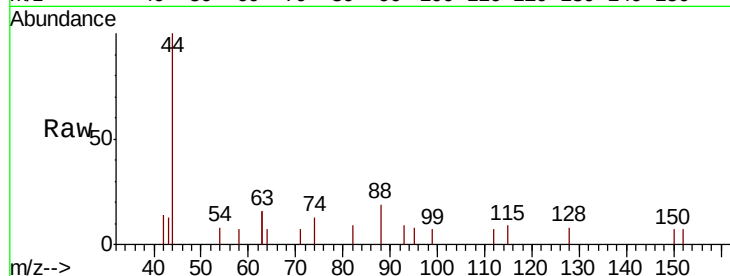
Tot Ion: 42 Resp: 103

Ion Ratio Lower Upper

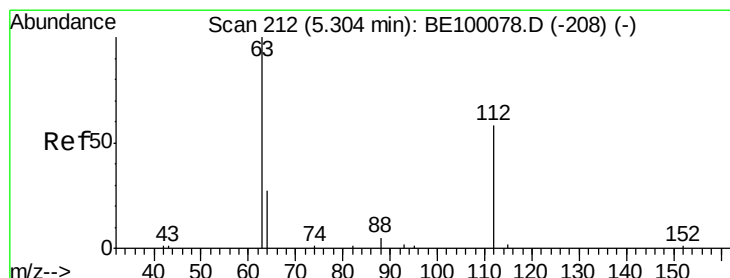
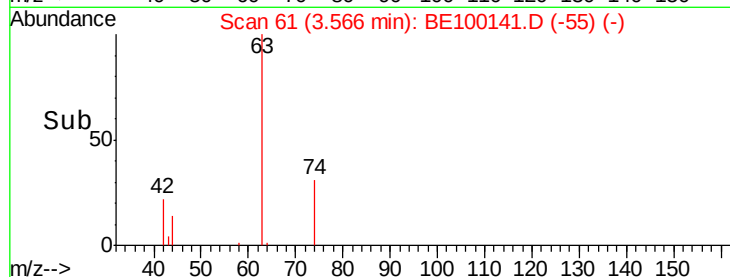
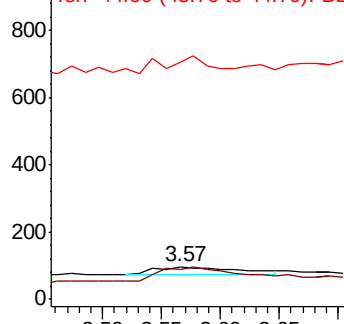
42 100

74 181.6 0.0 0.0#

44 137.9 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: 0.573 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

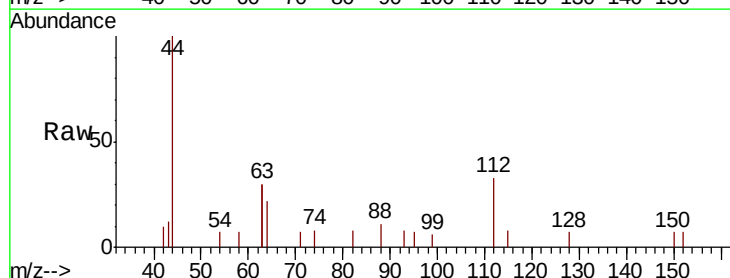
Tgt Ion: 112 Resp: 573

Ion Ratio Lower Upper

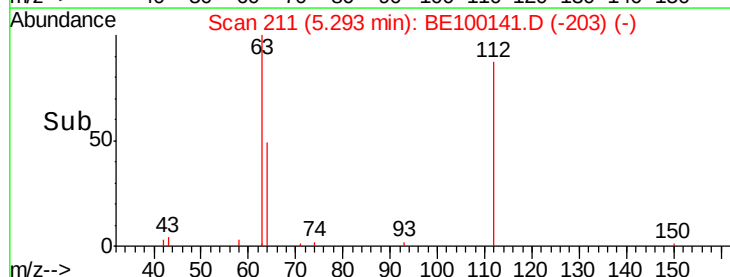
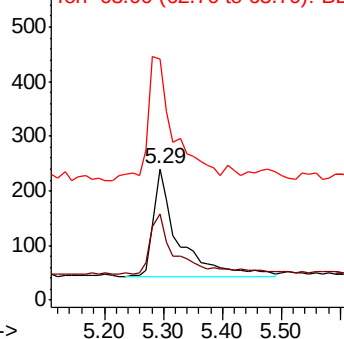
112 100

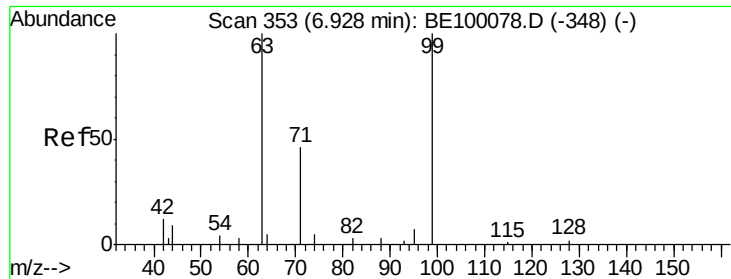
64 56.9 22.0 33.0#

63 104.9 121.8 182.6#



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: 0.548 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

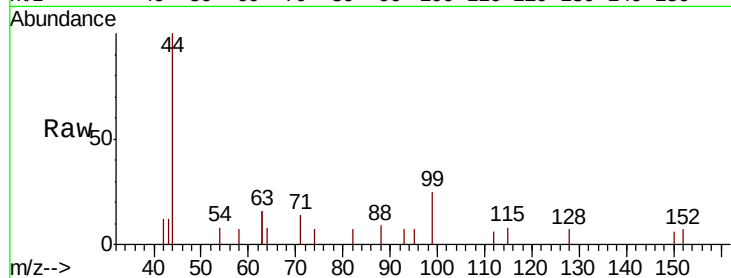
Tot Ion: 99 Resp: 752

Ion Ratio Lower Upper

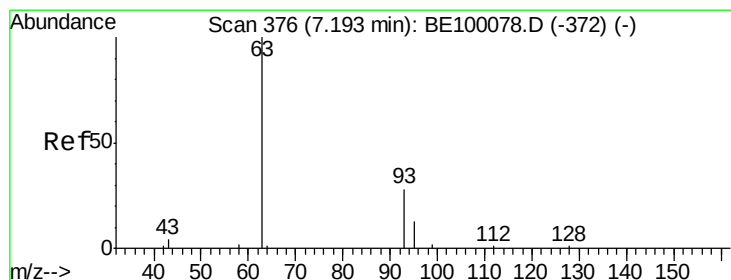
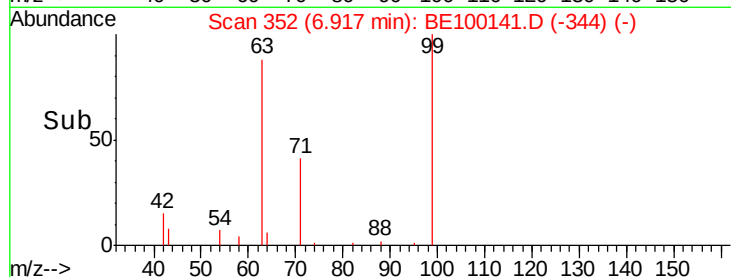
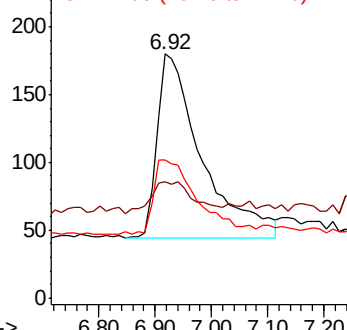
99 100

42 17.2 0.0 0.0#

71 40.0 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: 0.413 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

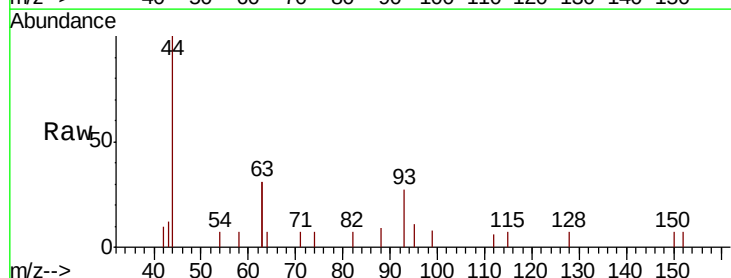
Tgt Ion: 93 Resp: 538

Ion Ratio Lower Upper

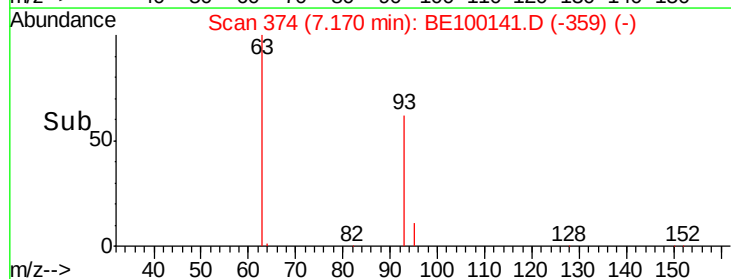
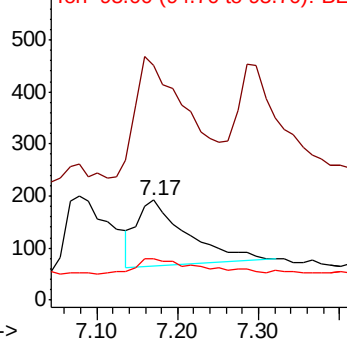
93 100

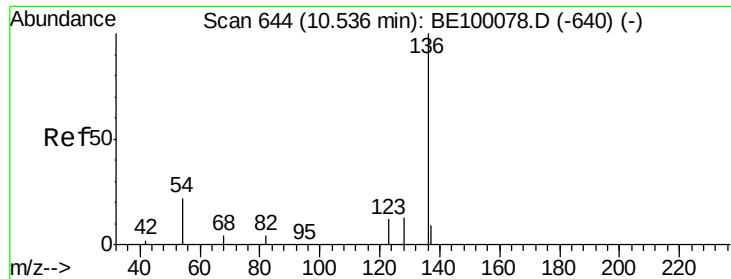
63 190.5 200.0 300.0#

95 27.9 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: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2023

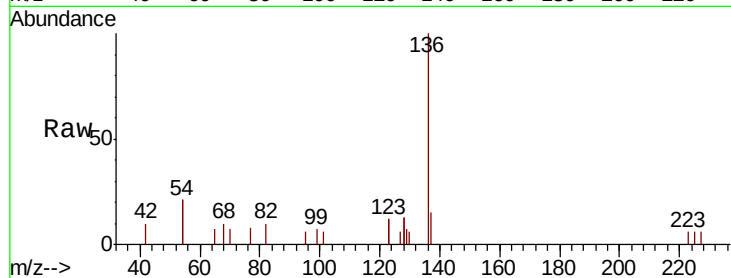
Ion Ratio Lower Upper

136 100

137 15.0 11.6 17.4

54 42.2 33.9 50.9

68 10.2 7.8 11.8

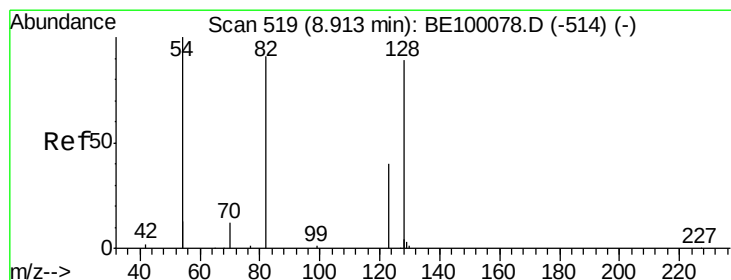
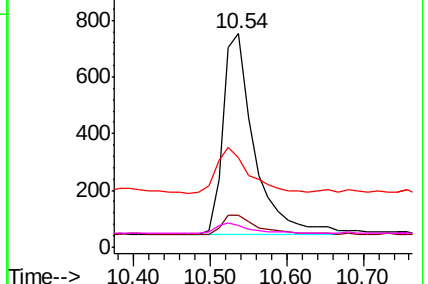
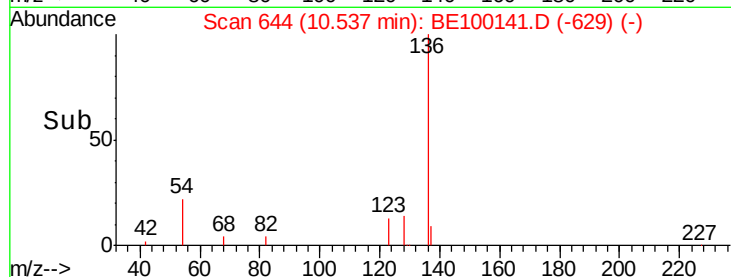


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

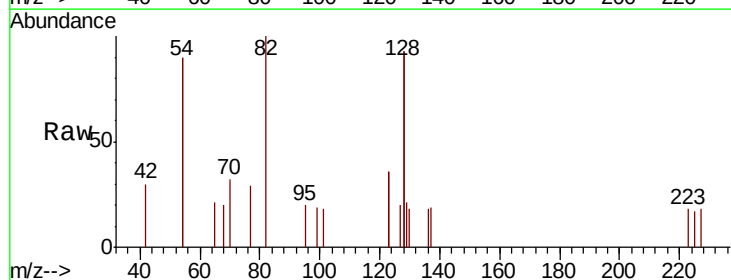
Tgt Ion: 82 Resp: 762

Ion Ratio Lower Upper

82 100

128 185.9 128.0 192.0

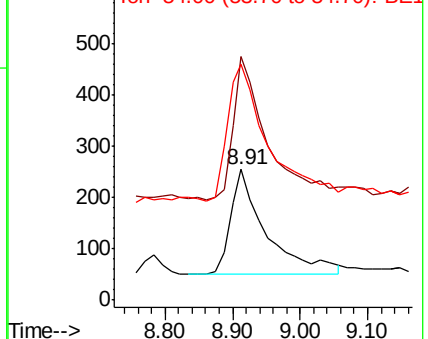
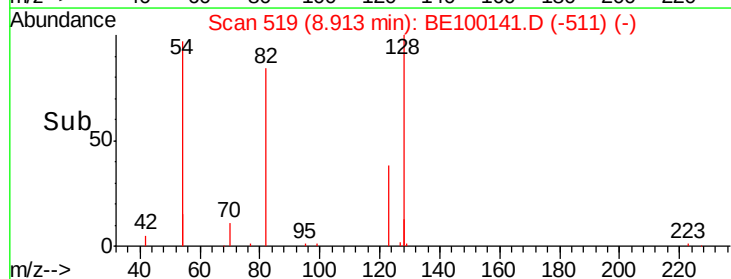
54 180.5 143.4 215.0

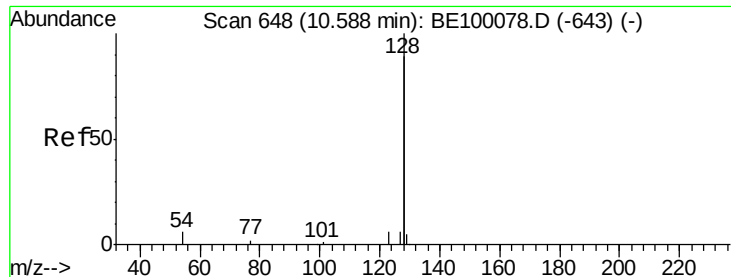


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.399 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

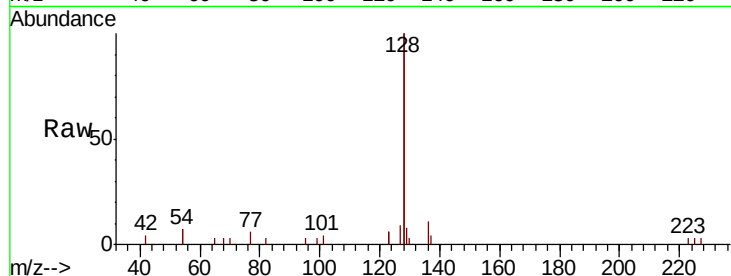
Tot Ion:128 Resp: 8780

Ion Ratio Lower Upper

128 100

129 3.9 3.1 4.7

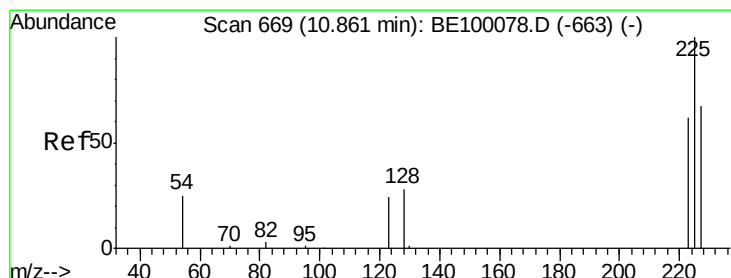
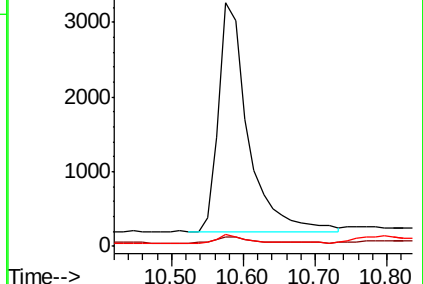
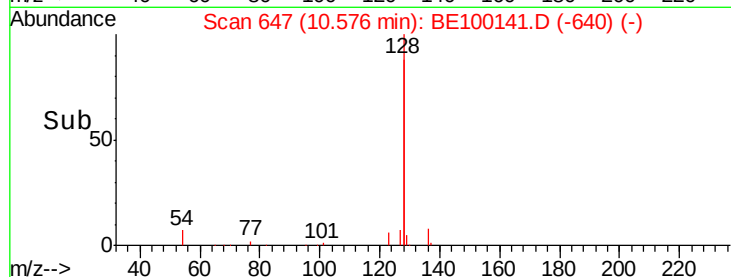
127 4.7 3.4 5.2



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: 0.346 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

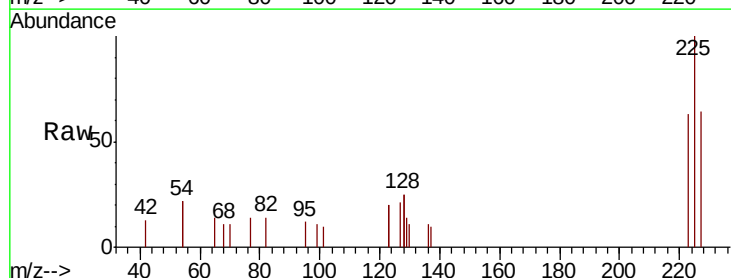
Tgt Ion:225 Resp: 748

Ion Ratio Lower Upper

225 100

223 63.1 52.2 78.4

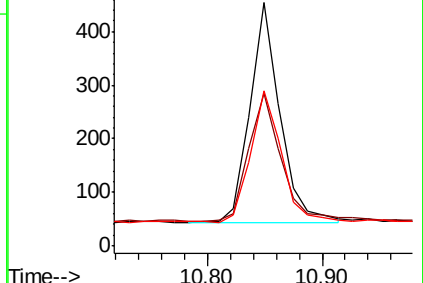
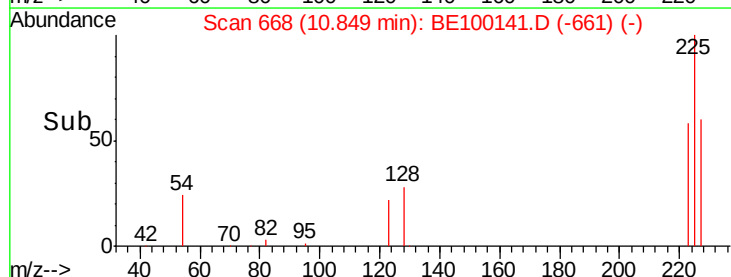
227 61.0 53.0 79.6

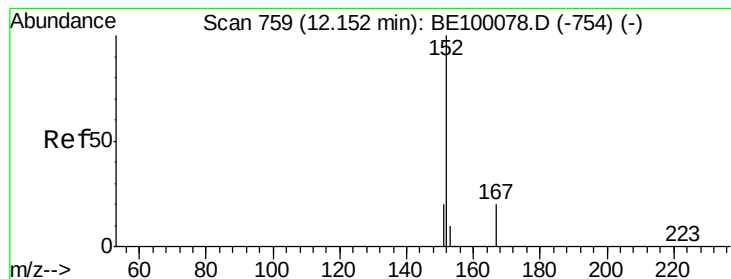


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

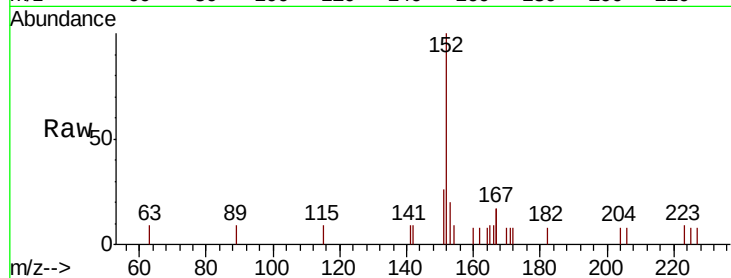
SSTDCCC0.4

Tot Ion:152 Resp: 1661

Ion Ratio Lower Upper

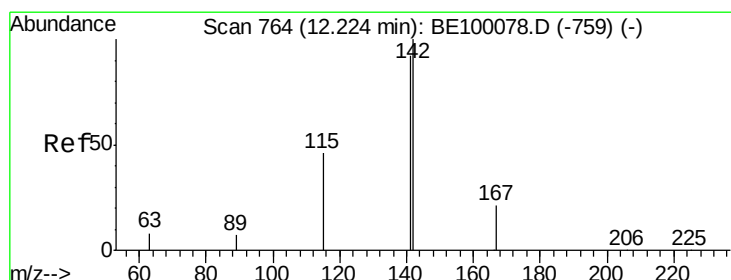
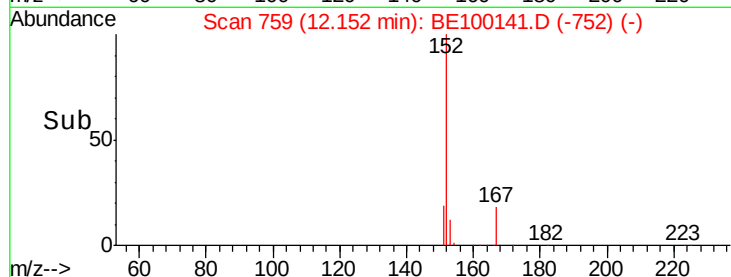
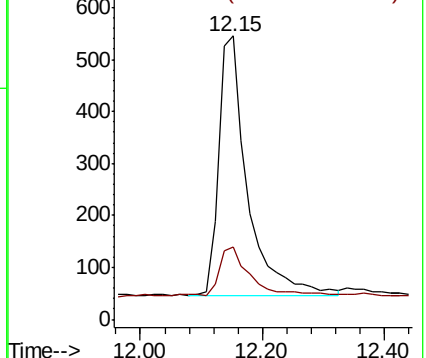
152 100

151 18.9 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: 0.447 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

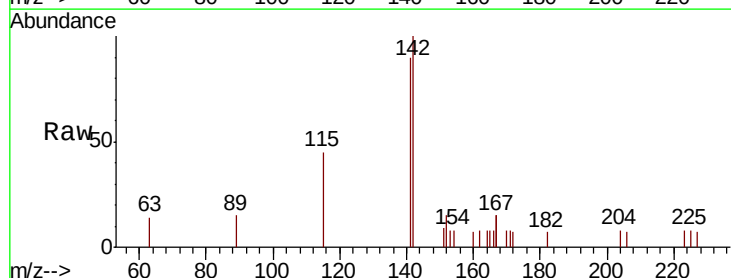
Tgt Ion:142 Resp: 1616

Ion Ratio Lower Upper

142 100

141 90.5 74.1 111.1

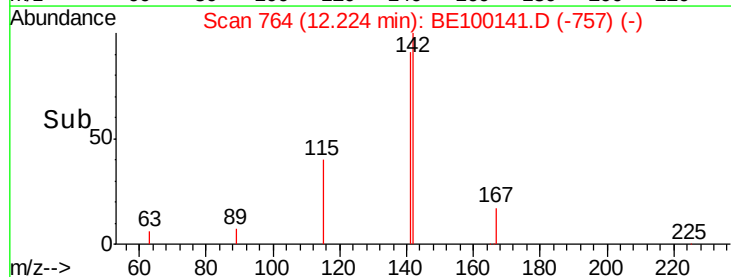
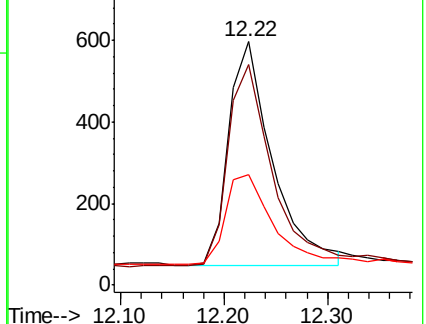
115 45.4 40.9 61.3

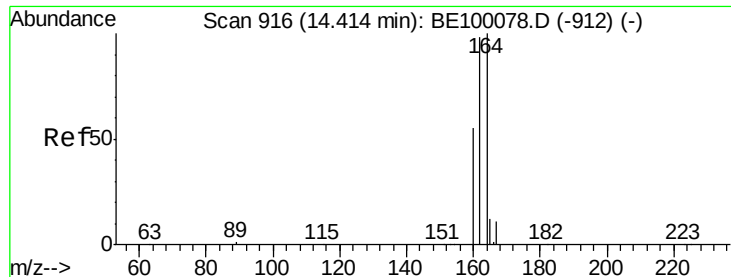


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

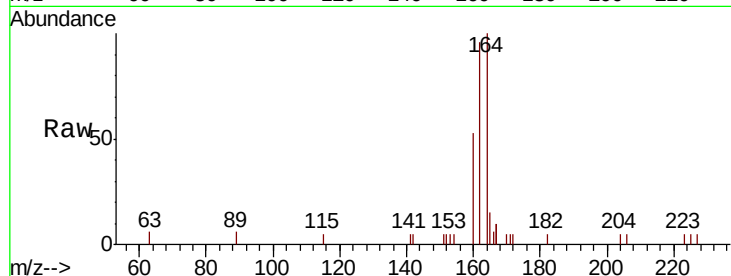




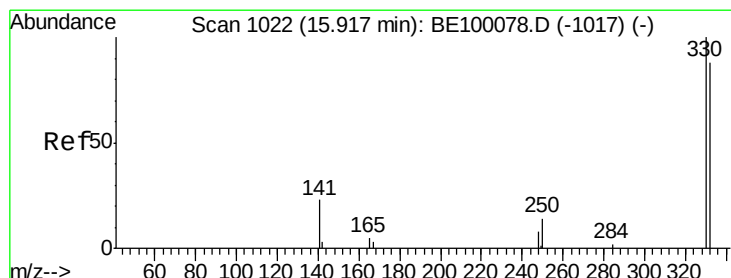
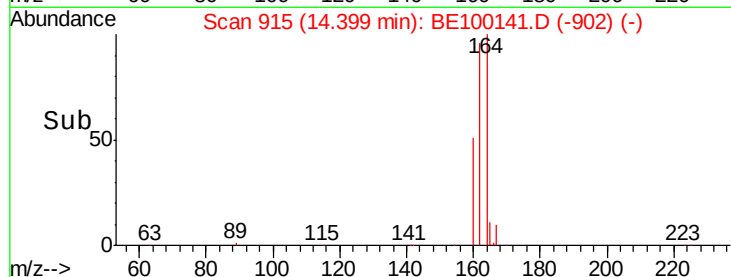
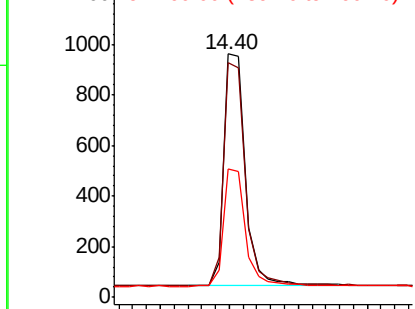
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 1992
Ion Ratio Lower Upper
164 100
162 96.5 78.2 117.2
160 52.7 45.6 68.4

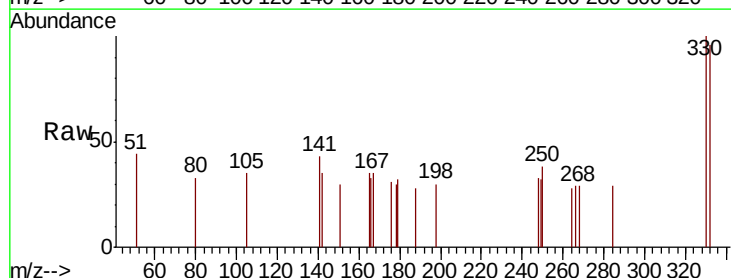


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

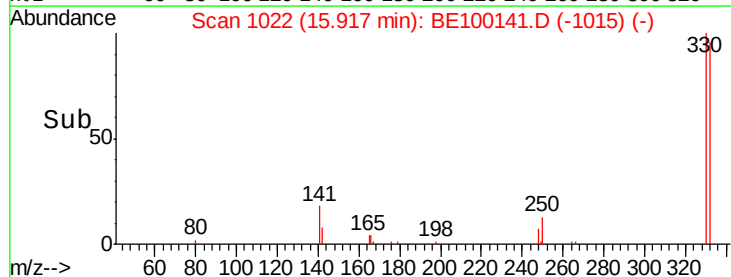
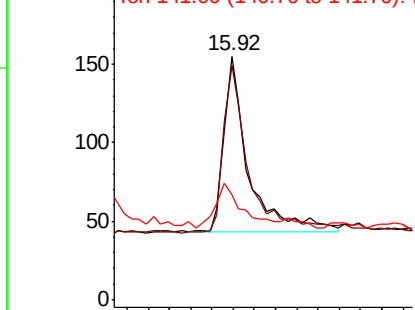


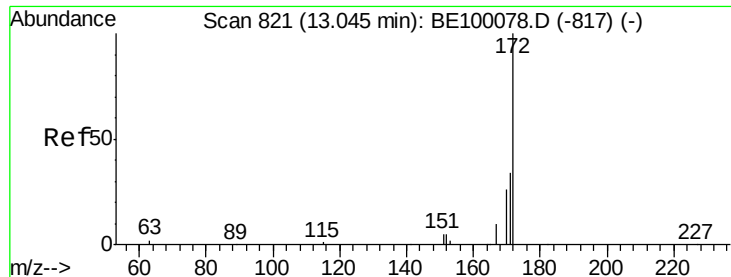
#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.92 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:330 Resp: 364
Ion Ratio Lower Upper
330 100
332 101.4 73.3 109.9
141 23.9 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

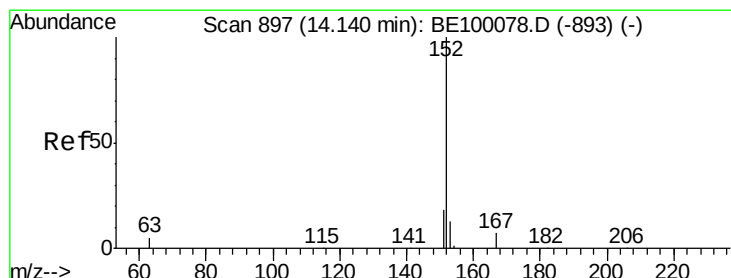
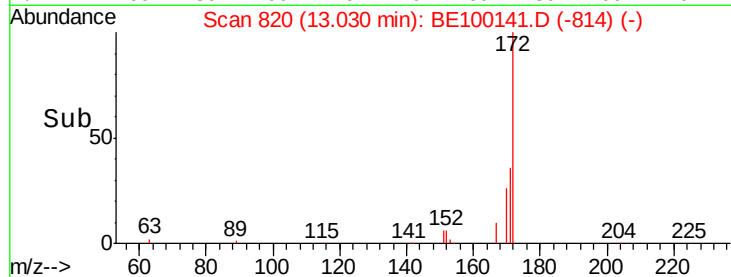
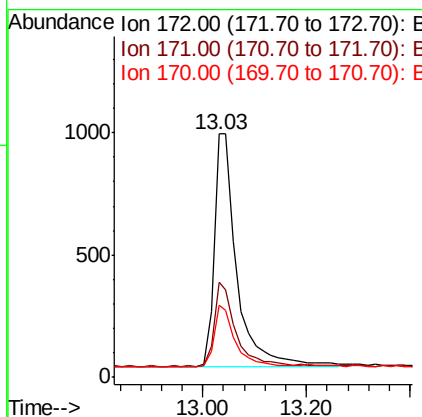
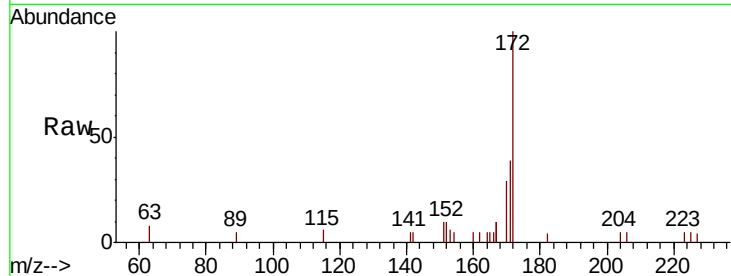




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

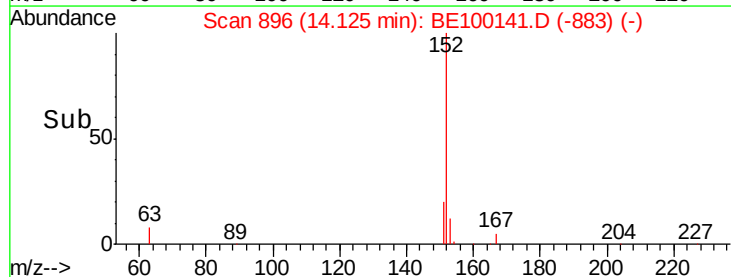
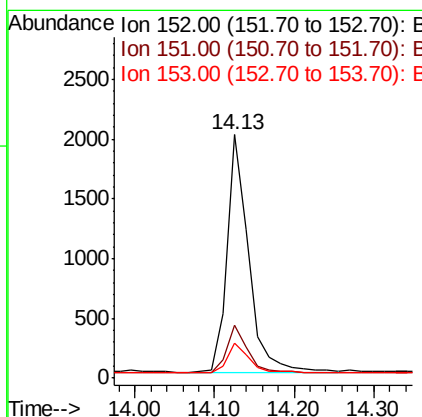
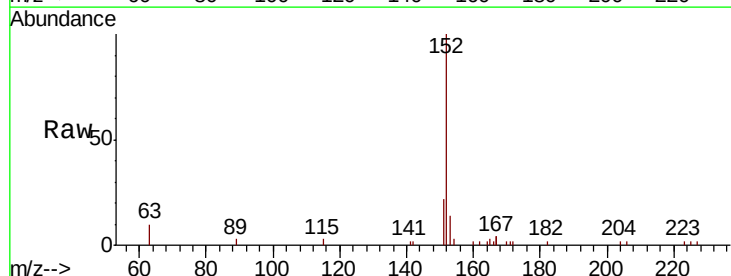
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

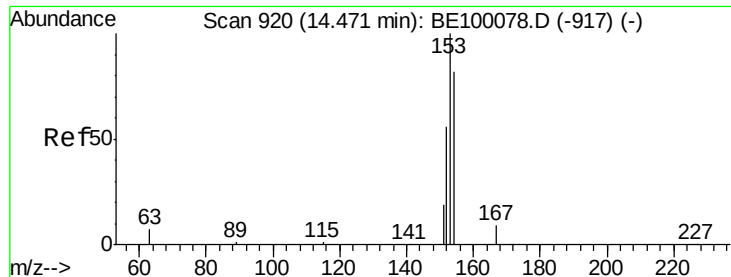
Tot Ion:172 Resp: 2923
Ion Ratio Lower Upper
172 100
171 39.2 29.8 44.8
170 29.4 23.2 34.8



#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:152 Resp: 3707
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 10.1 15.1

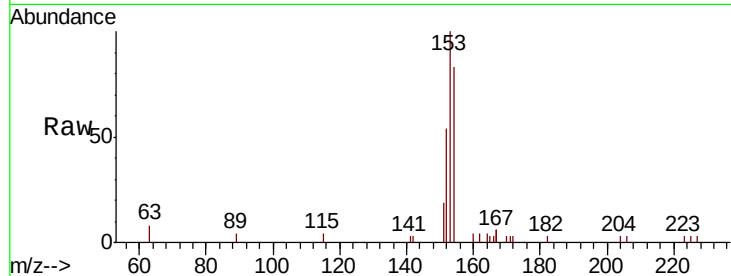




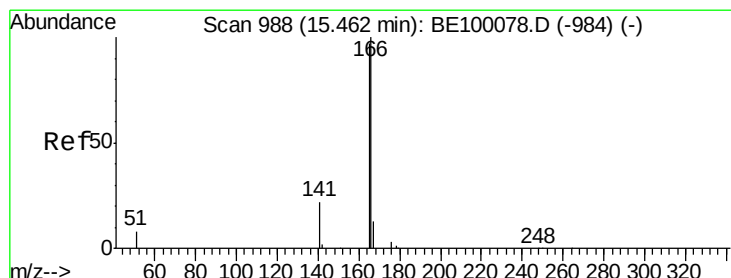
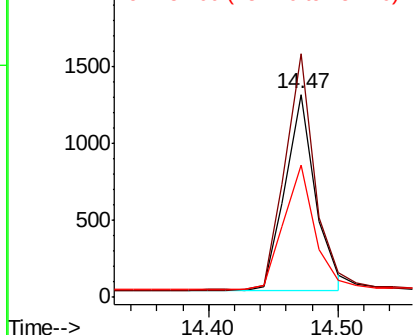
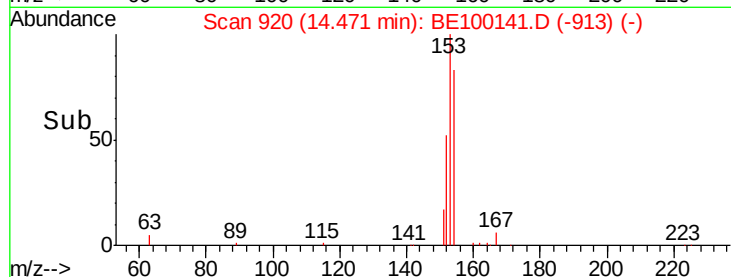
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 2090
Ion Ratio Lower Upper
154 100
153 117.8 95.5 143.3
152 64.4 54.9 82.3

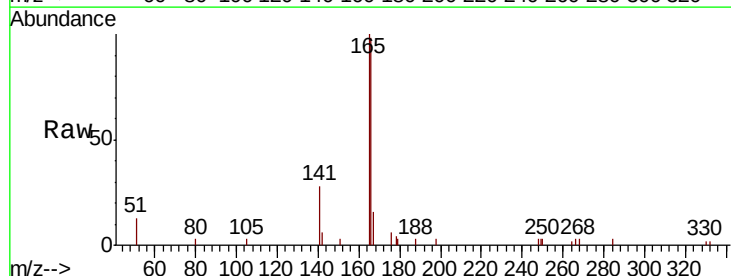


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

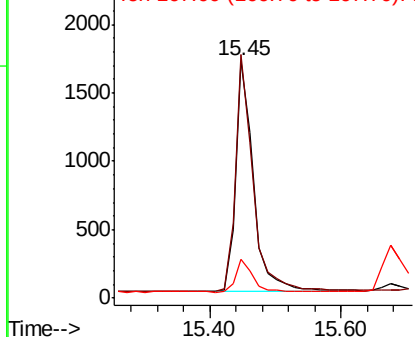
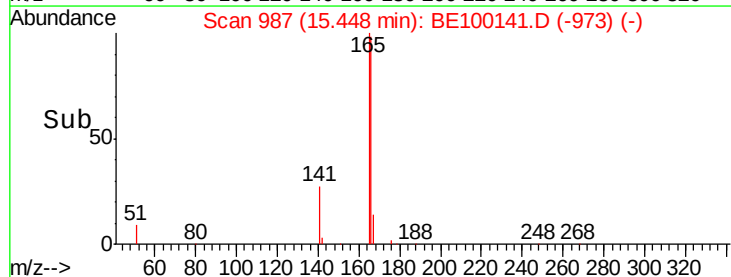


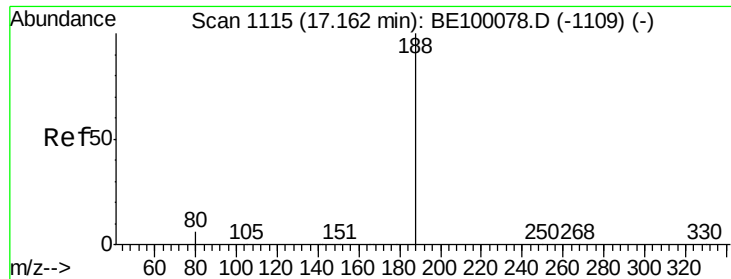
#18
Fluorene
Concen: 0.414 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:166 Resp: 3257
Ion Ratio Lower Upper
166 100
165 100.6 79.8 119.8
167 13.9 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

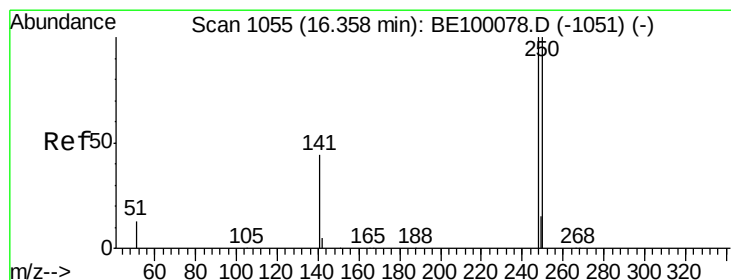
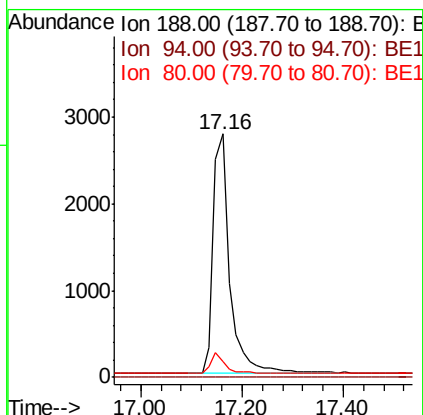
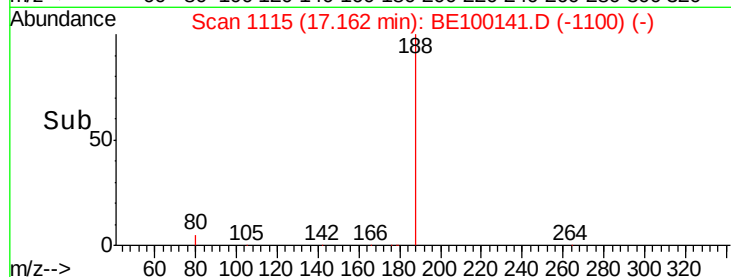
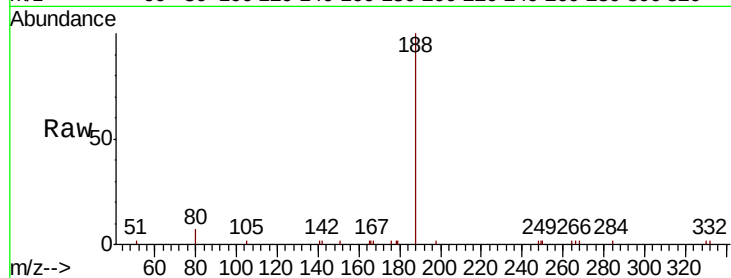




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

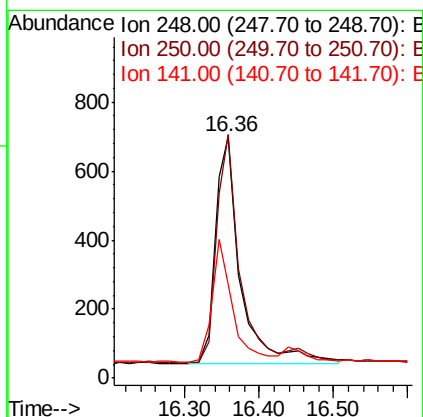
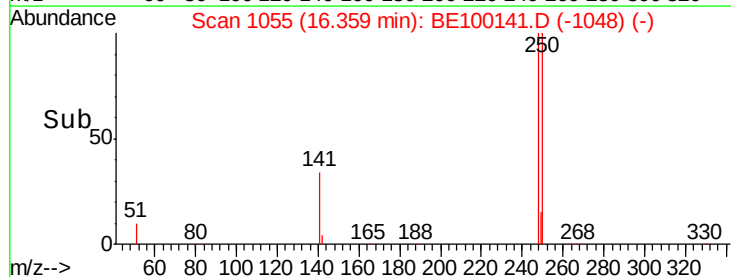
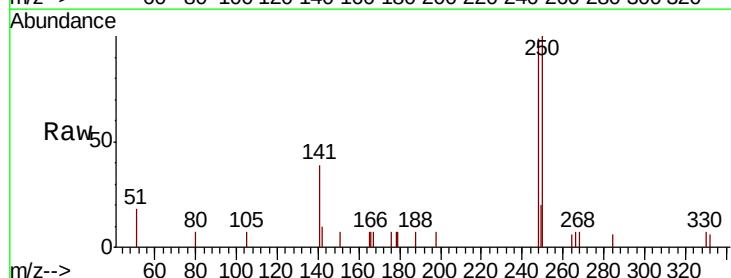
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

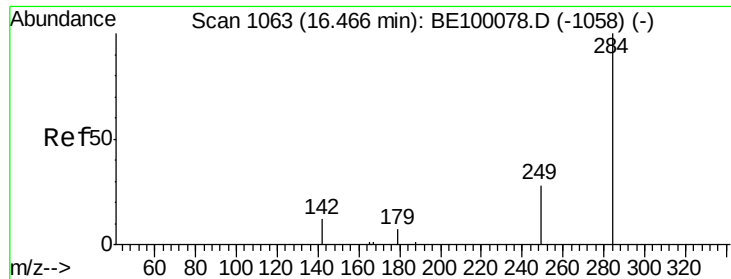
Tot Ion:188 Resp: 6327
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 6.3 9.5



#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.36 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:248 Resp: 1536
Ion Ratio Lower Upper
248 100
250 100.9 80.6 120.8
141 39.1 38.8 58.2

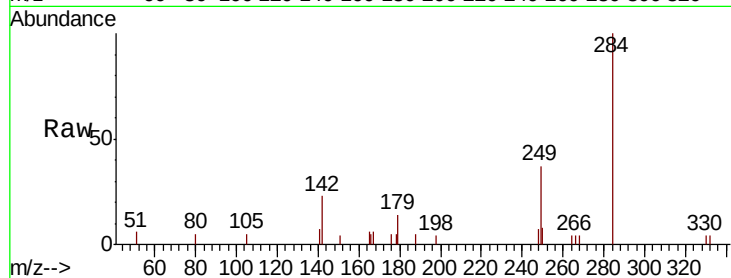




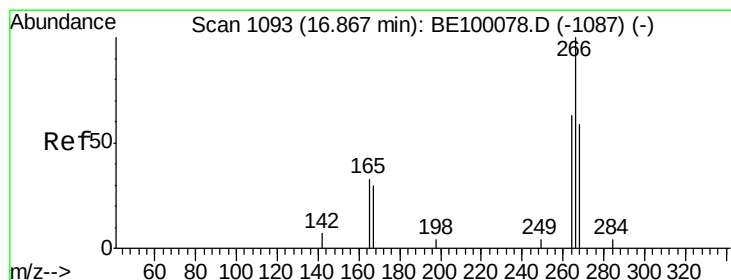
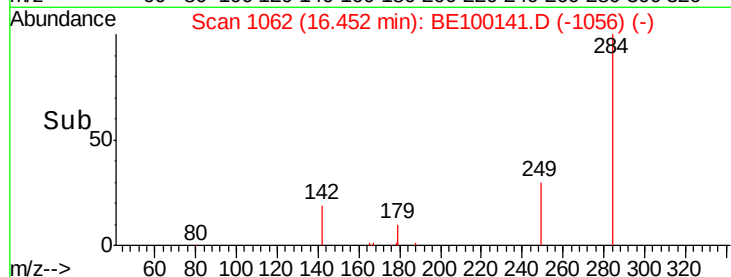
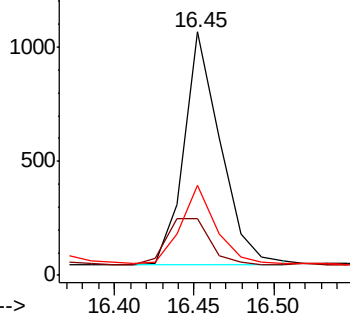
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	23.5	20.7	31.1
249	31.3	26.6	39.8

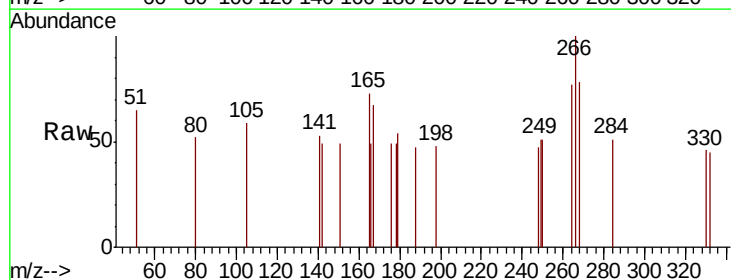


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

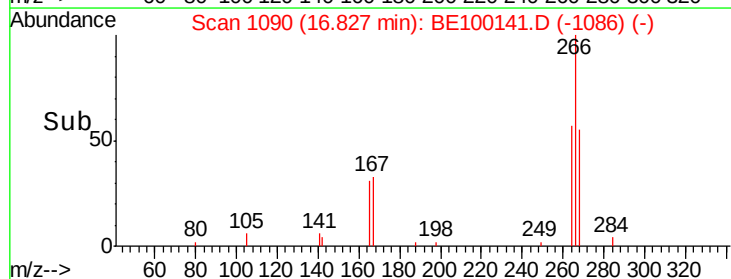
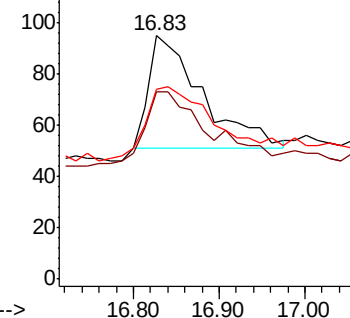


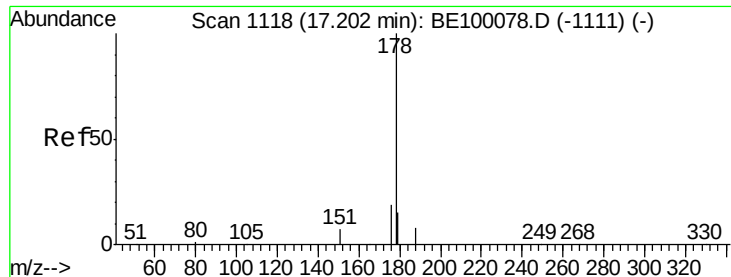
#22
Pentachlorophenol
Concen: 0.383 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	76.8	67.8	101.6
268	77.9	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

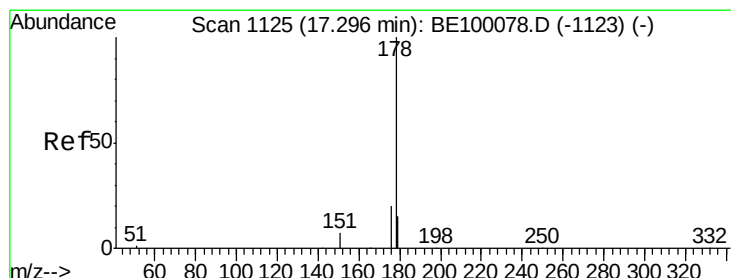
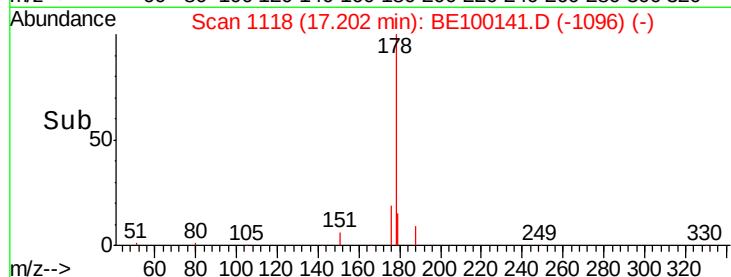
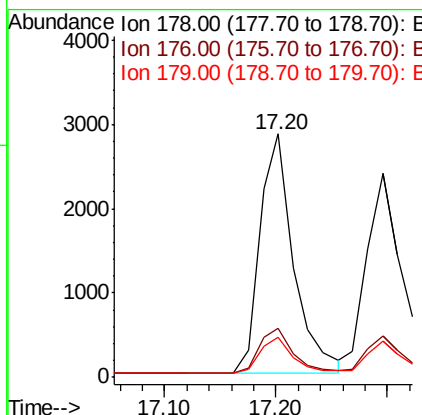
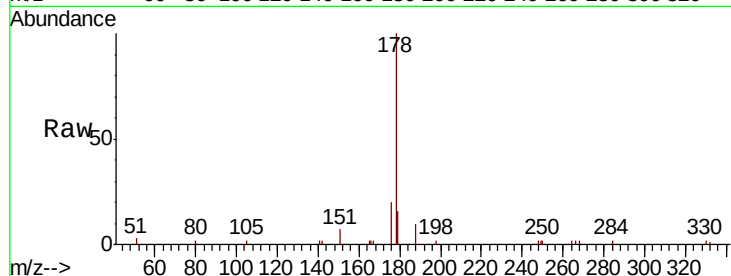




#23
Phenanthrene
Concen: 0.396 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

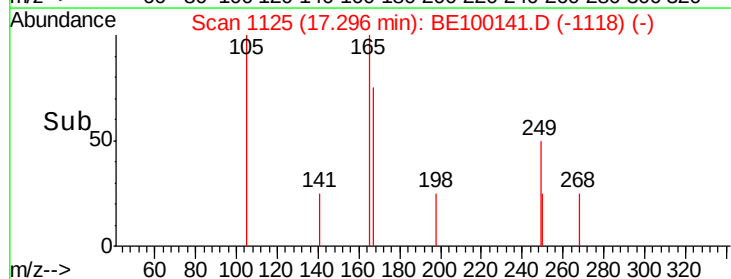
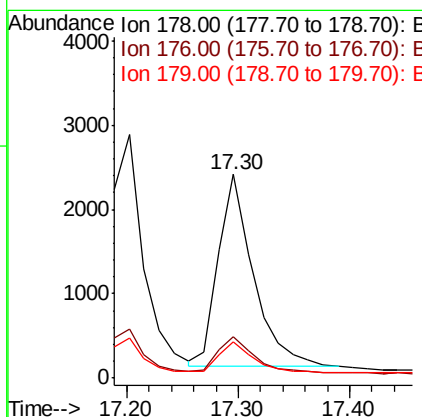
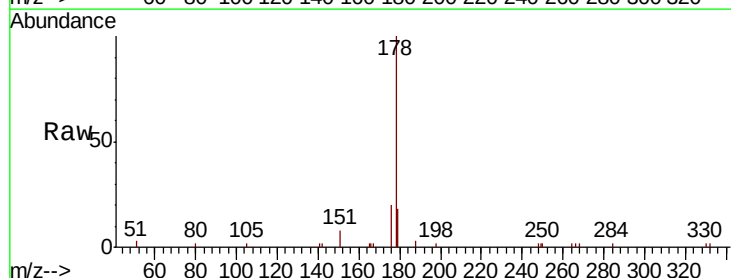
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

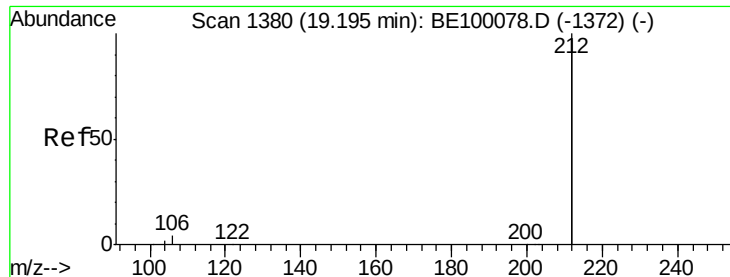
Tot Ion:178 Resp: 6006
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.9 13.1 19.7



#24
Anthracene
Concen: 0.392 ng
RT: 17.30 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:178 Resp: 5017
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 16.3 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

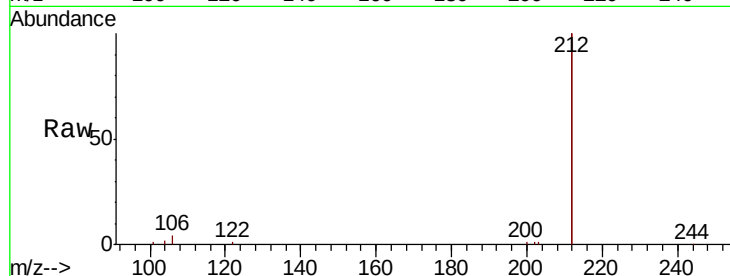
Tot Ion:212 Resp: 34430

Ion Ratio Lower Upper

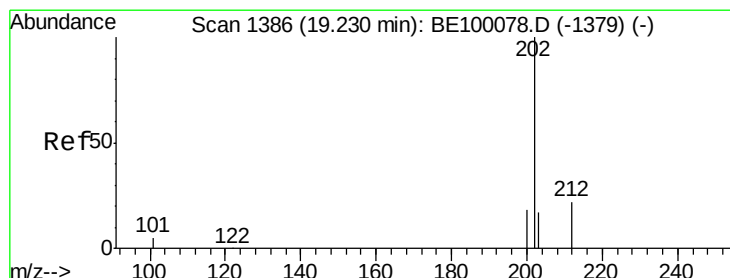
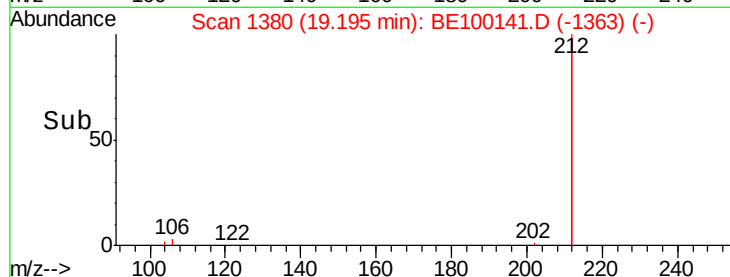
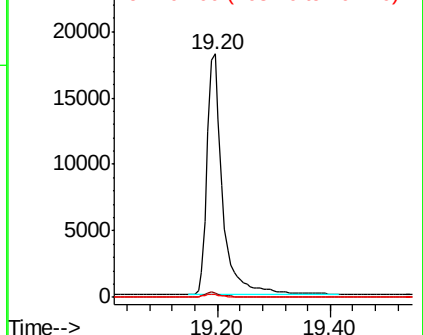
212 100

106 1.7 1.4 2.0

104 1.1 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: 0.380 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

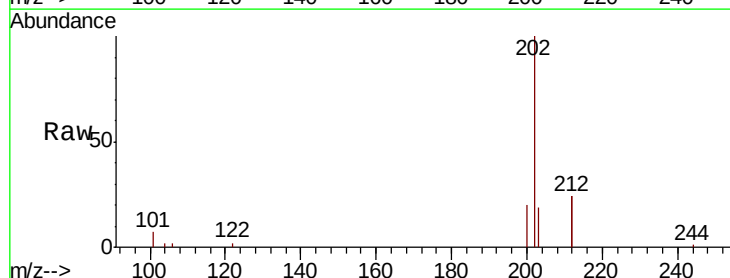
Tgt Ion:202 Resp: 9258

Ion Ratio Lower Upper

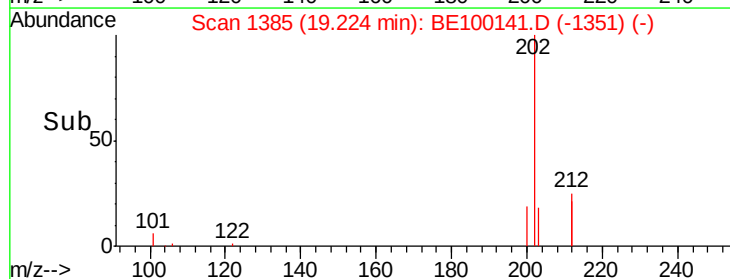
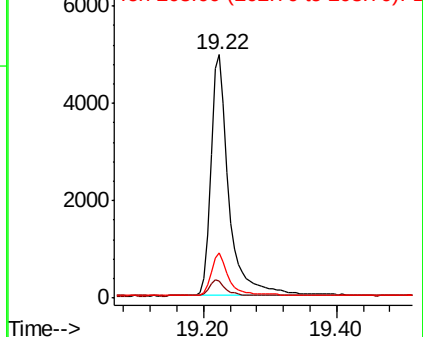
202 100

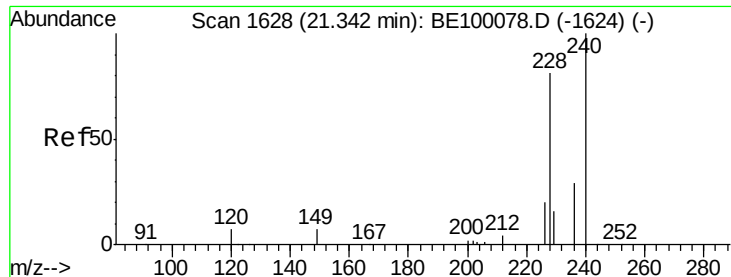
101 6.5 5.0 7.4

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: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

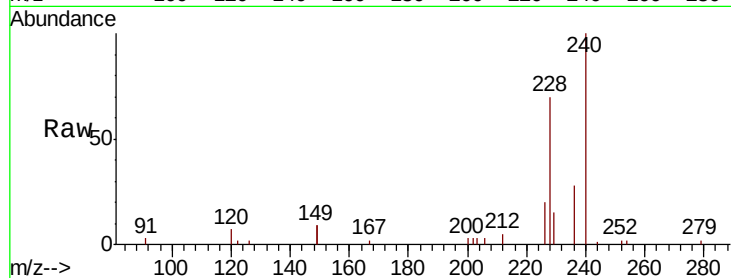
Tot Ion:240 Resp: 7306

Ion Ratio Lower Upper

240 100

120 6.7 6.6 10.0

236 28.4 23.8 35.6

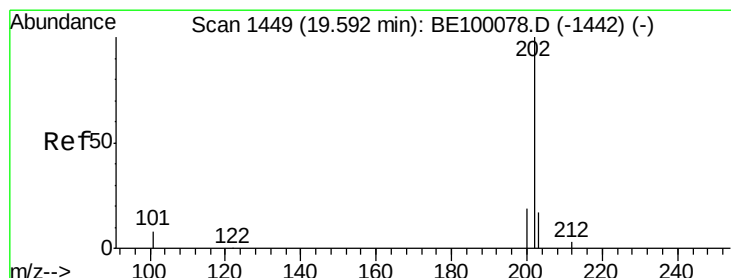
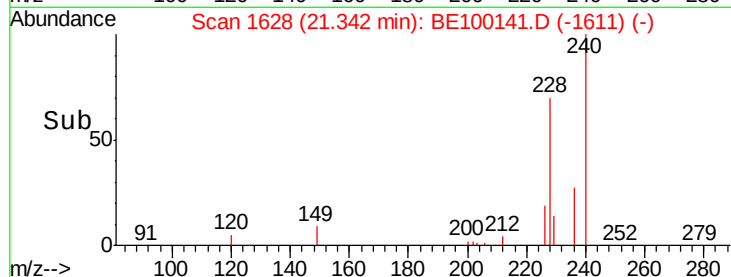
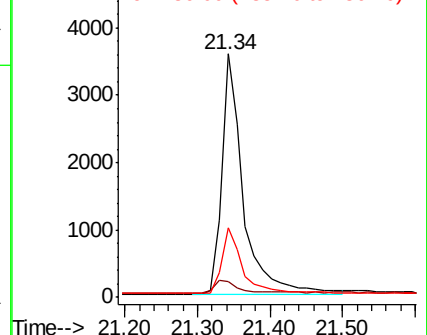


Abundance

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: 0.502 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

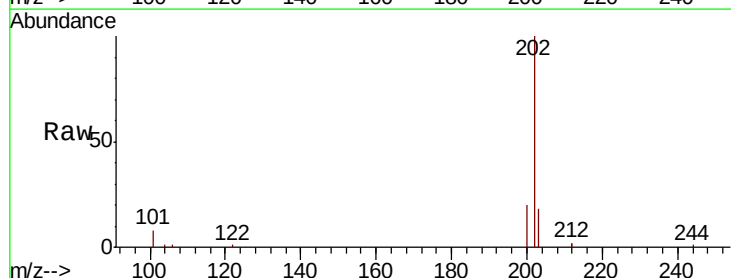
Tgt Ion:202 Resp: 9431

Ion Ratio Lower Upper

202 100

200 19.3 15.6 23.4

203 17.1 13.9 20.9

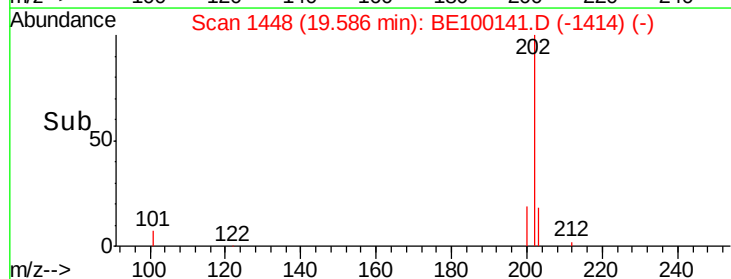
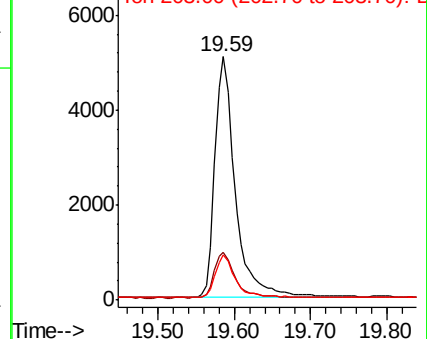


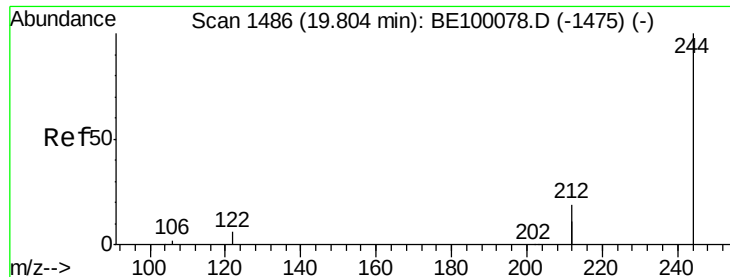
Abundance

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: 0.456 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

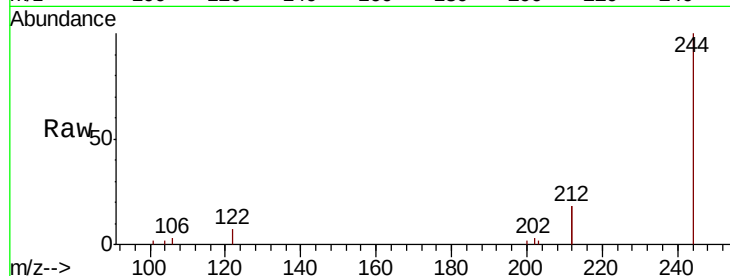
Tot Ion:244 Resp: 6660

Ion Ratio Lower Upper

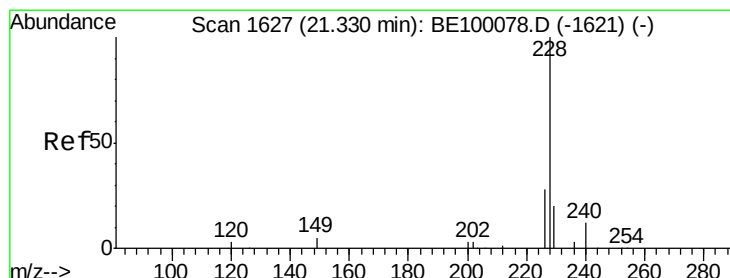
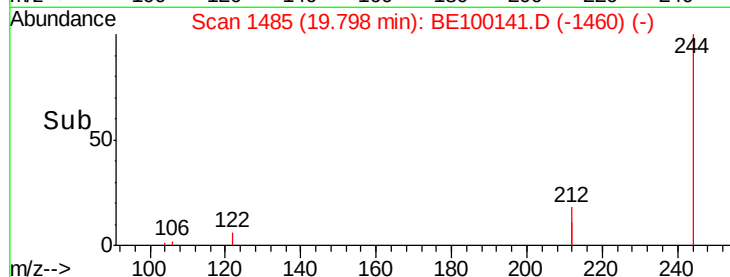
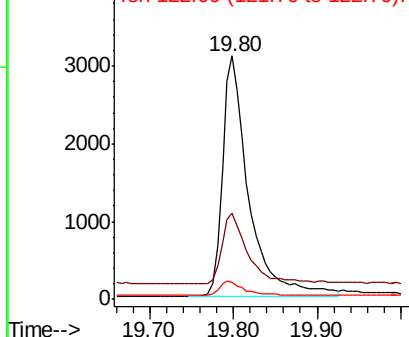
244 100

212 35.6 29.8 44.8

122 7.3 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: 0.377 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

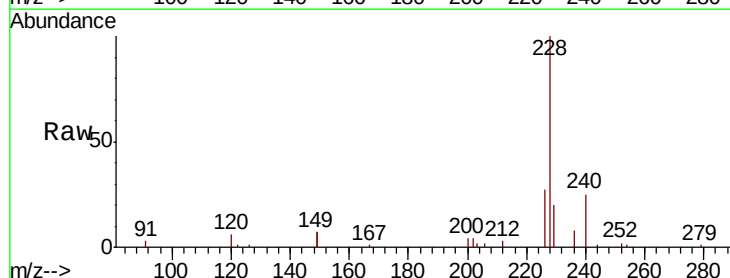
Tgt Ion:228 Resp: 8201

Ion Ratio Lower Upper

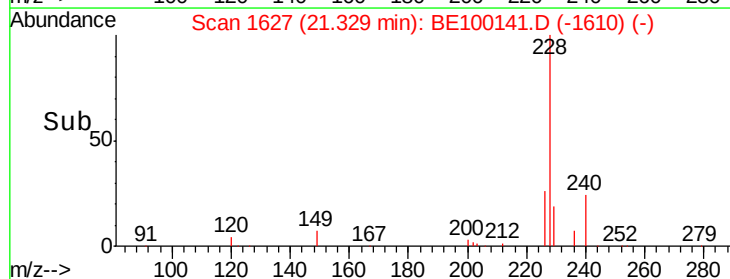
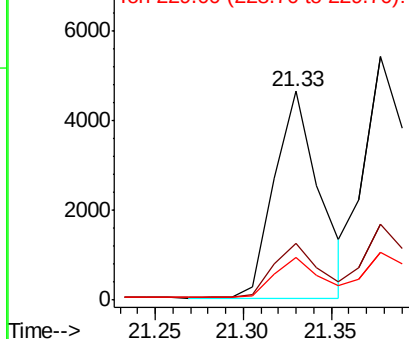
228 100

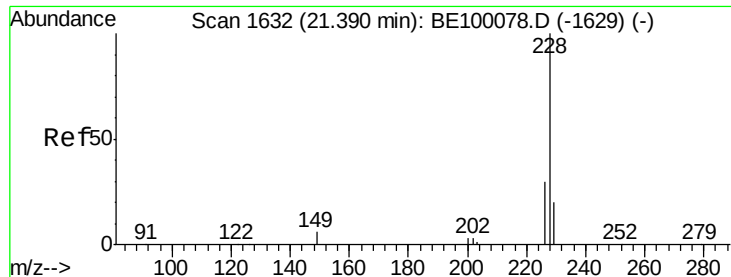
226 27.3 23.0 34.4

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: 0.402 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

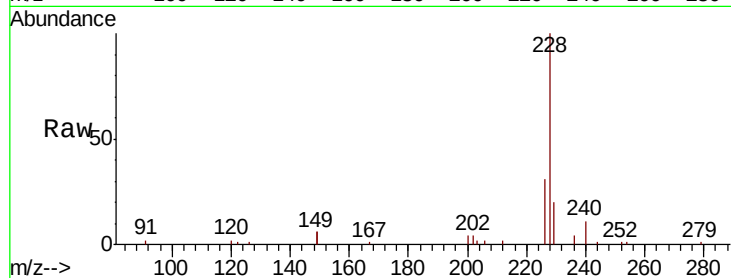
Tot Ion:228 Resp: 10145

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

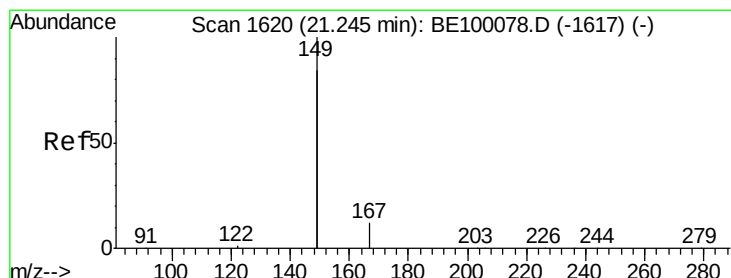
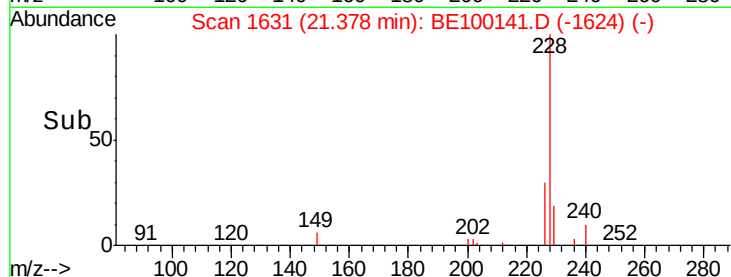
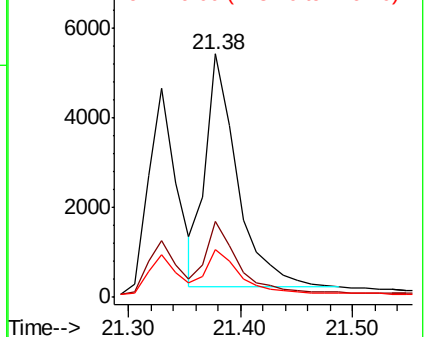
229 19.6 16.3 24.5



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: 0.612 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

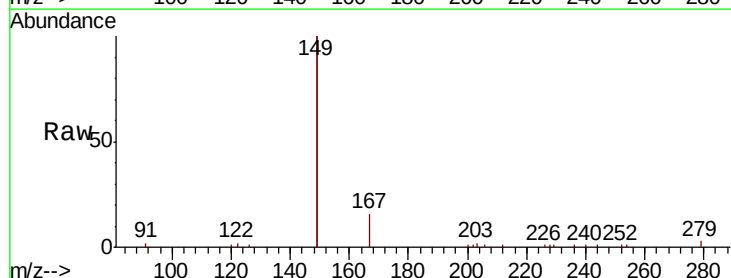
Tgt Ion:149 Resp: 12542

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

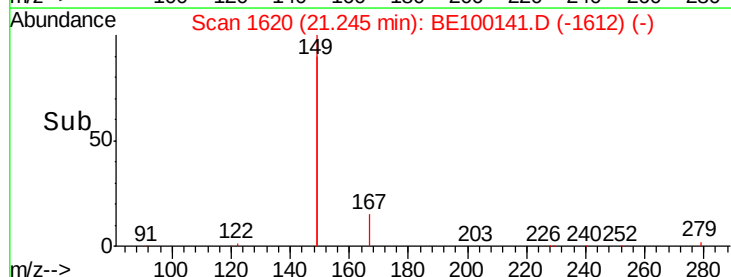
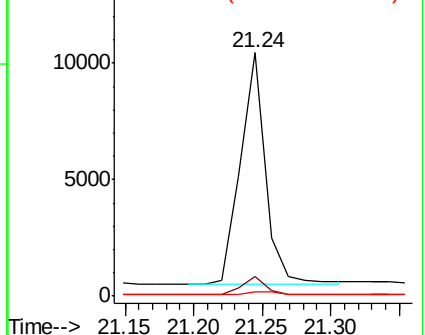
279 1.4 1.1 1.7

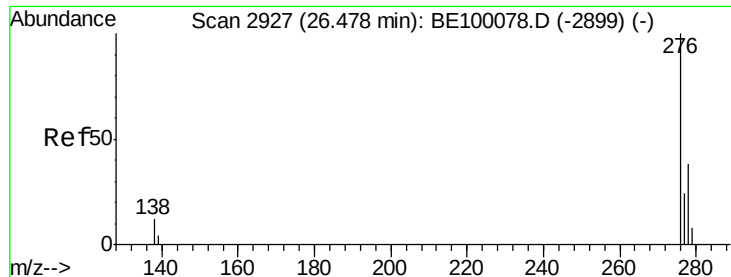


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

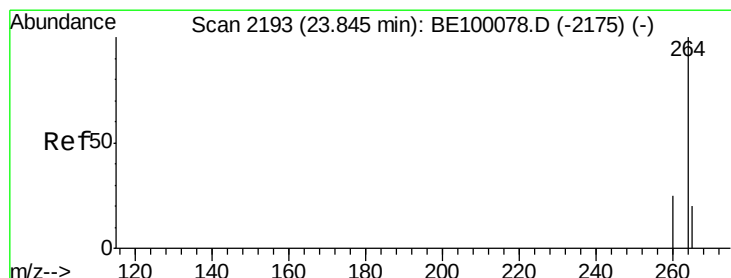
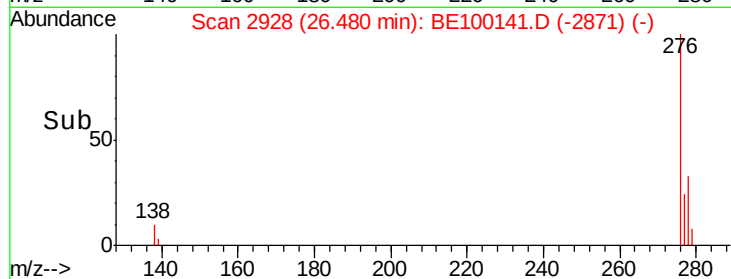
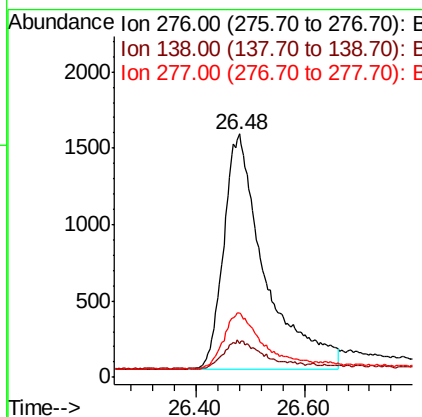
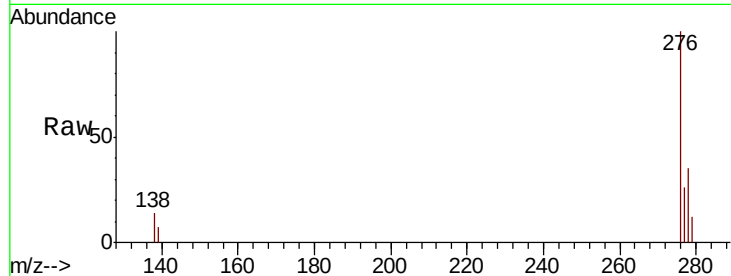




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

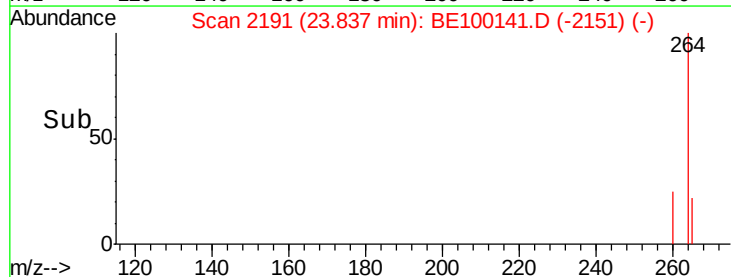
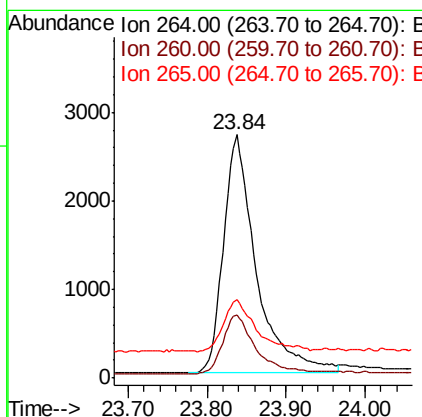
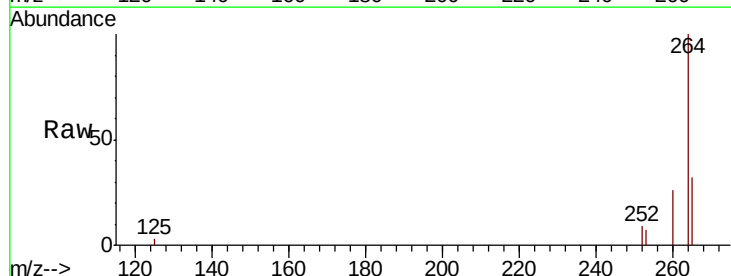
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

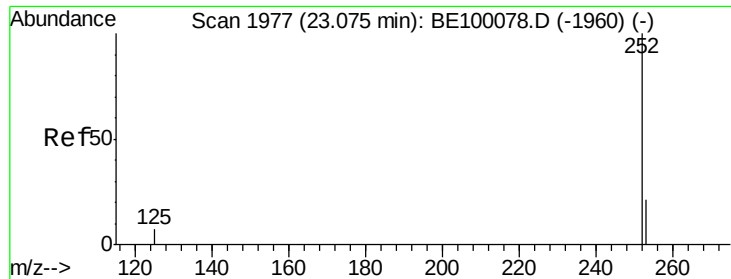
Tot Ion:276 Resp: 8167
Ion Ratio Lower Upper
276 100
138 4.5 4.3 6.5
277 20.2 19.4 29.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:264 Resp: 7784
Ion Ratio Lower Upper
264 100
260 25.8 20.8 31.2
265 32.2 23.2 34.8

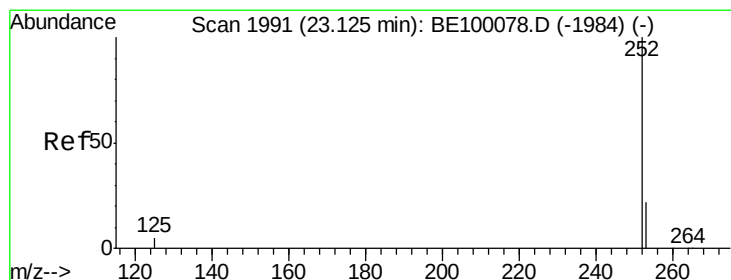
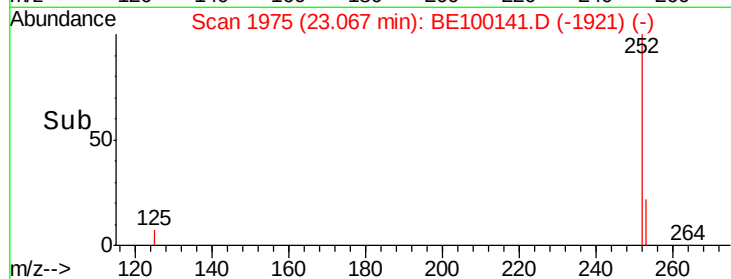
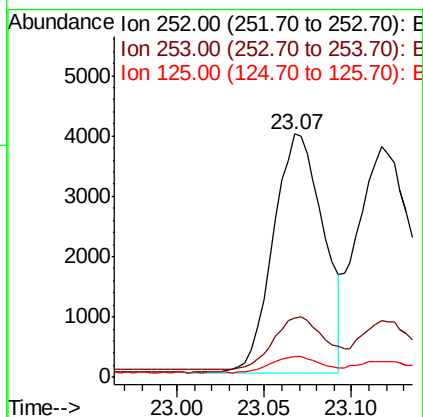
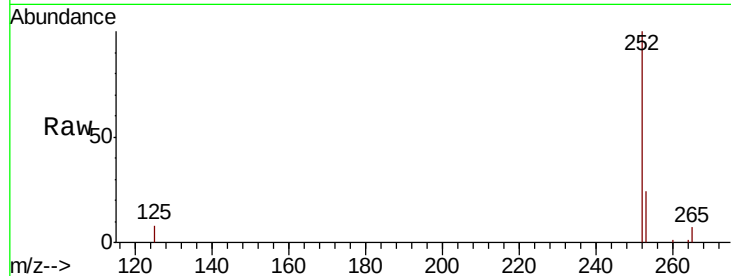




#35
Benzo(b)fluoranthene
Concen: 0.345 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

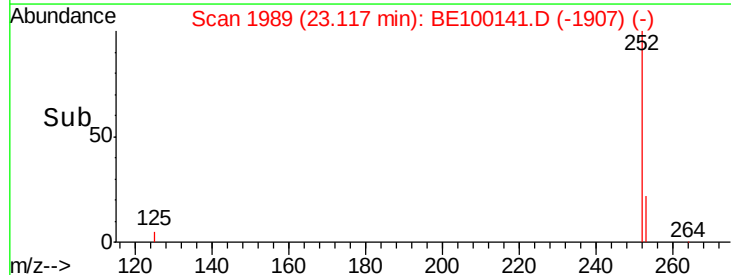
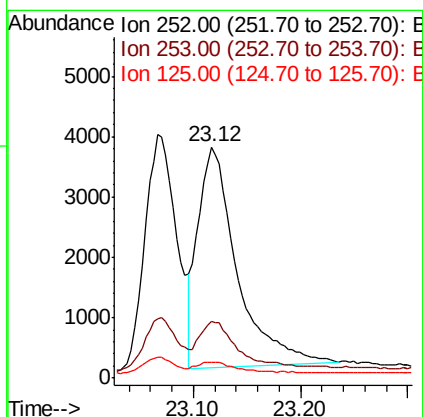
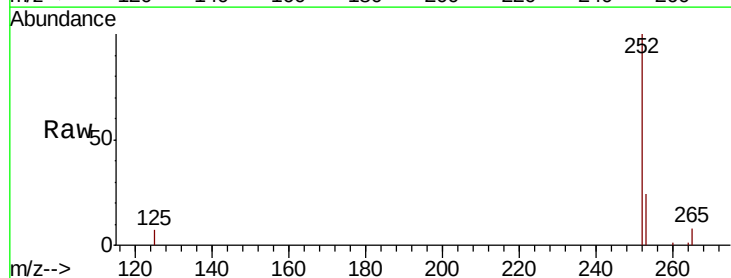
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

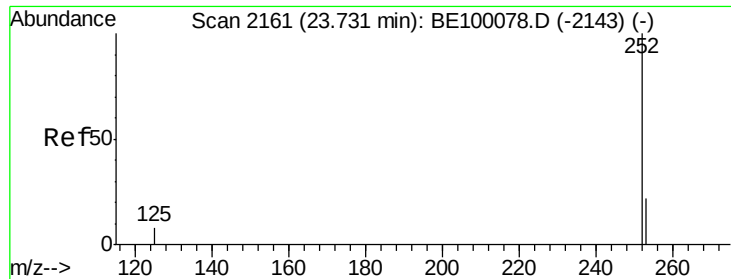
Tot Ion:252 Resp: 7887
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 8.4 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:252 Resp: 9286
Ion Ratio Lower Upper
252 100
253 24.4 18.9 28.3
125 7.0 5.3 7.9

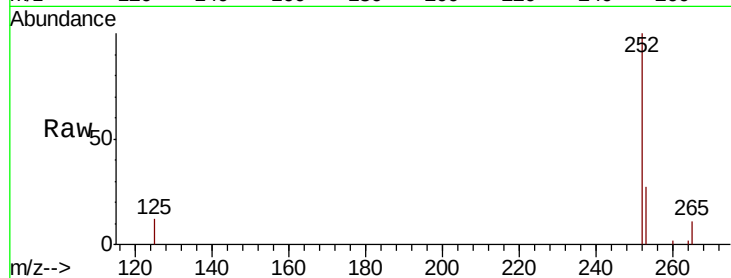




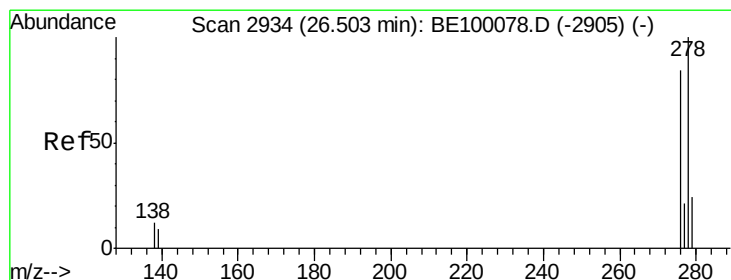
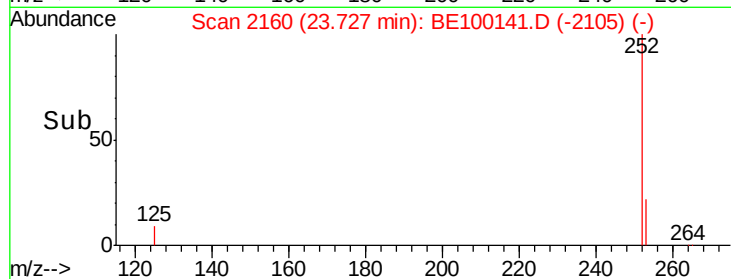
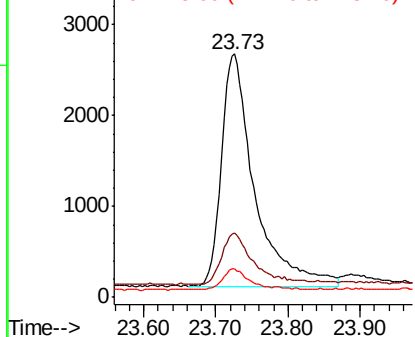
#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 8106
Ion Ratio Lower Upper
252 100
253 26.7 19.4 29.2
125 11.6 8.0 12.0

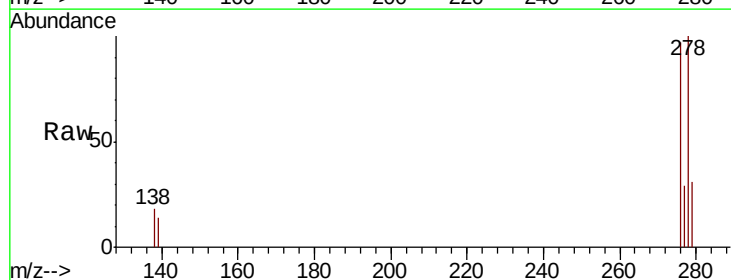


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

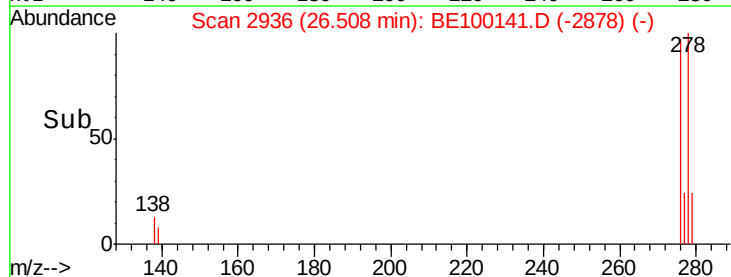
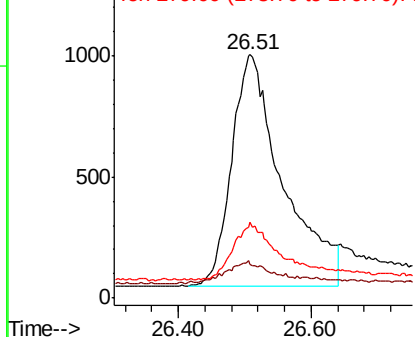


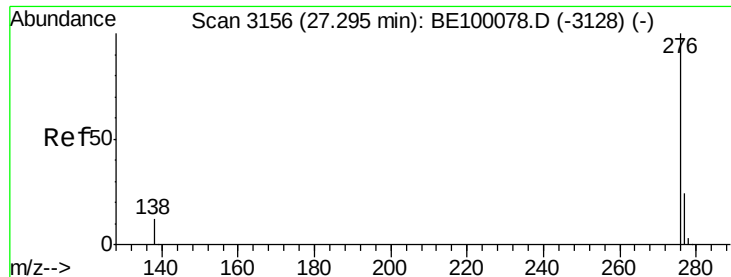
#38
Dibenzo(a,h)anthracene
Concen: 0.225 ng
RT: 26.51 min Scan# 2936
Delta R.T. 0.01 min
Lab File: BE100141.D
Acq: 21 Jun 2019 18:04

Tgt Ion:278 Resp: 5091
Ion Ratio Lower Upper
278 100
139 13.6 9.0 13.6#
279 30.9 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: 0.351 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE100141.D

Acq: 21 Jun 2019 18:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

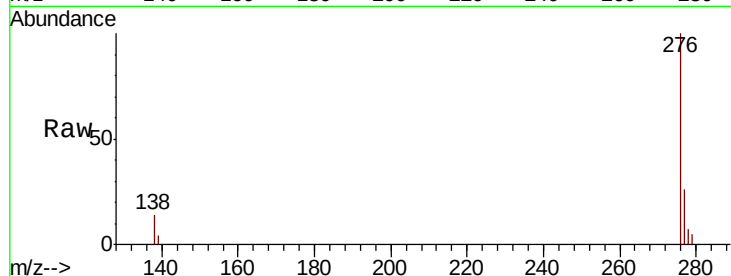
Tot Ion: 276 Resp: 8238

Ion Ratio Lower Upper

276 100

277 26.1 20.3 30.5

138 14.5 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

