

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
 Data File : BE100139.D
 Acq On : 21 Jun 2019 16:51
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 22 02:03:37 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	484	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2002	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	1889	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	6600	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	7845	0.40	ng	0.00
34) Perylene-d12	23.83	264	8831	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	570	0.57	ng	-0.01
5) Phenol-d6	6.92	99	795	0.58	ng	-0.01
8) Nitrobenzene-d5	8.90	82	784	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1680	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	476	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2898	0.39	ng	-0.01
25) Fluoranthene-d10	19.19	212	36424	0.39	ng	0.00
29) Terphenyl-d14	19.79	244	7383	0.47	ng	-0.01

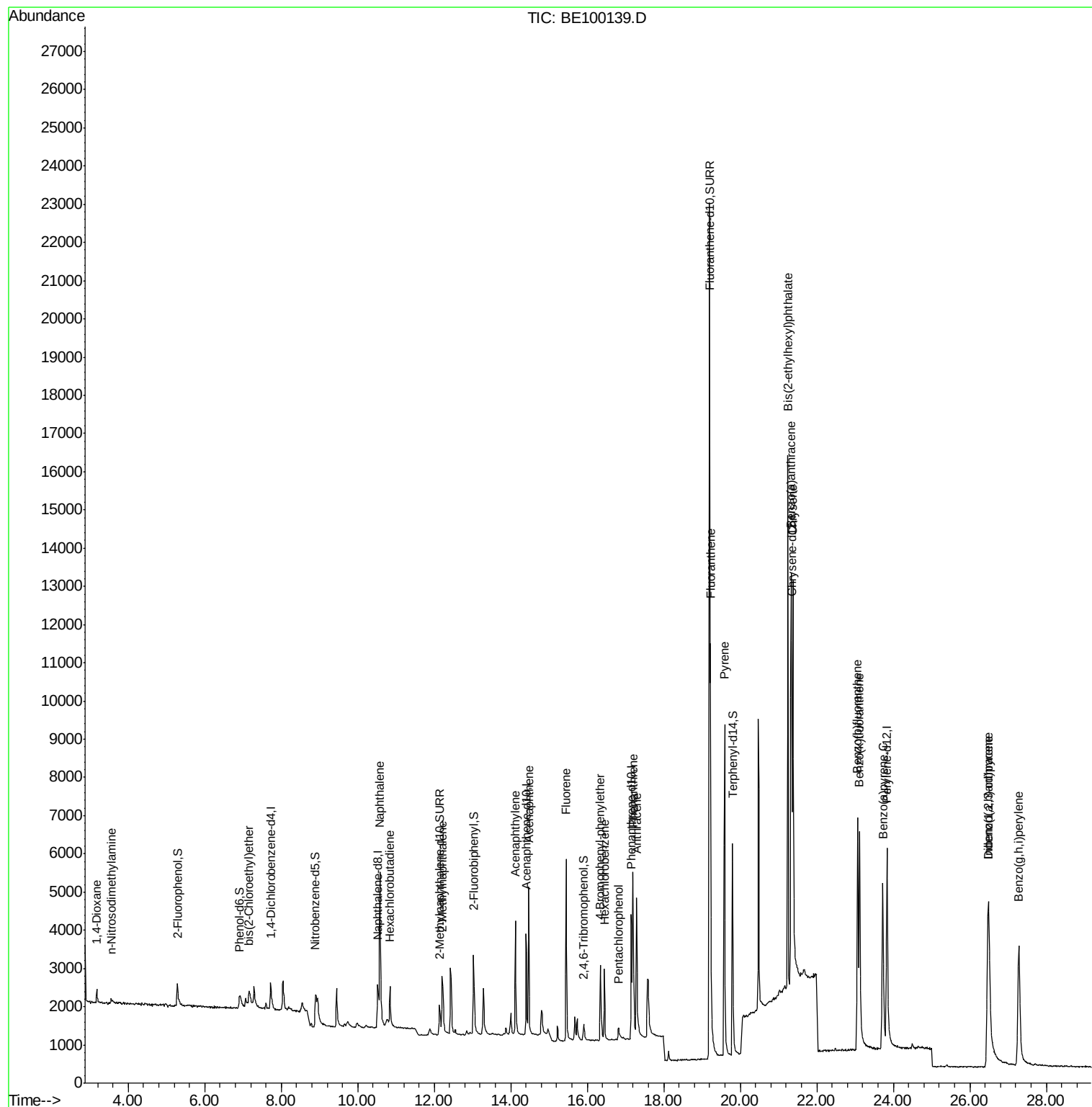
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	330	0.425	ng	# 83
3) n-Nitrosodimethylamine	3.55	42	129	0.594	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	551	0.421	ng	# 65
9) Naphthalene	10.58	128	8732	0.401	ng	100
10) Hexachlorobutadiene	10.85	225	746	0.349	ng	95
12) 2-Methylnaphthalene	12.21	142	1607	0.449	ng	98
16) Acenaphthylene	14.13	152	3754	0.419	ng	99
17) Acenaphthene	14.47	154	2096	0.418	ng	98
18) Fluorene	15.45	166	3290	0.441	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	1578	0.402	ng	# 89
21) Hexachlorobenzene	16.45	284	1636	0.378	ng	98
22) Pentachlorophenol	16.83	266	372	0.507	ng	86
23) Phenanthrene	17.20	178	6166	0.390	ng	99
24) Anthracene	17.29	178	5373	0.403	ng	97
26) Fluoranthene	19.22	202	9641	0.380	ng	99
28) Pyrene	19.59	202	9954	0.494	ng	99
30) Benzo(a)anthracene	21.33	228	9833	0.421	ng	97
31) Chrysene	21.38	228	10887	0.401	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	15851	0.720	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	10258	0.336	ng	# 96
35) Benzo(b)fluoranthene	23.07	252	9670	0.373	ng	97
36) Benzo(k)fluoranthene	23.11	252	10510	0.357	ng	99
37) Benzo(a)pyrene	23.72	252	9301	0.372	ng	96
38) Dibenzo(a,h)anthracene	26.49	278	7521	0.293	ng	97
39) Benzo(g,h,i)perylene	27.28	276	9633	0.362	ng	98

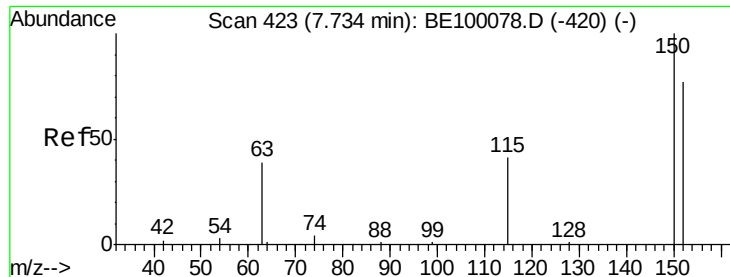
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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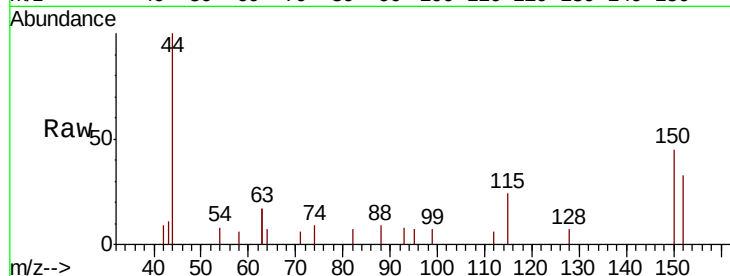


#1

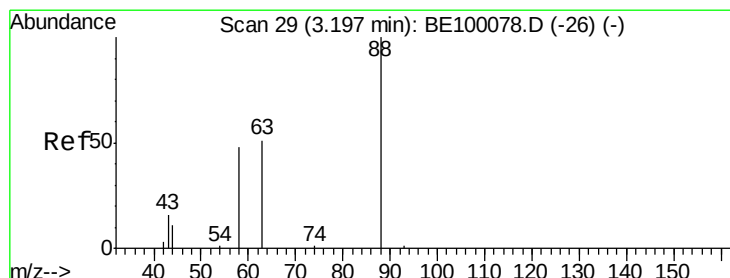
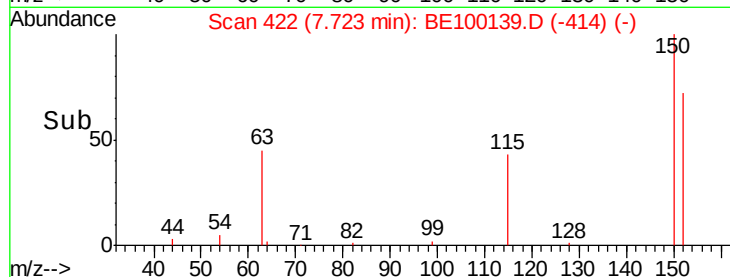
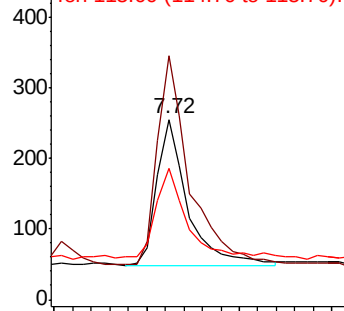
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 484
Ion Ratio Lower Upper
152 100
150 135.3 99.8 149.8
115 72.5 51.3 76.9



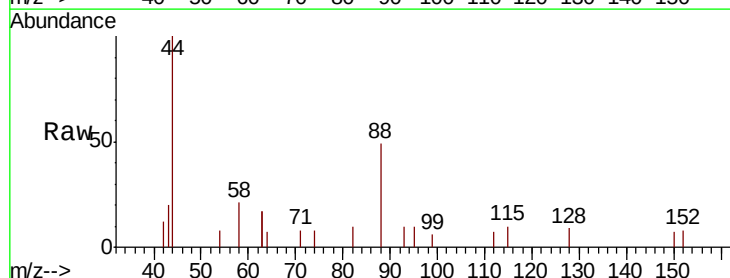
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



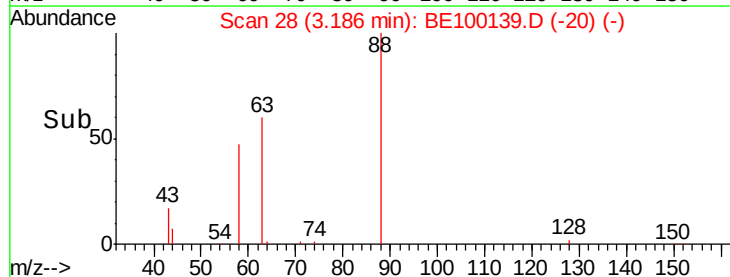
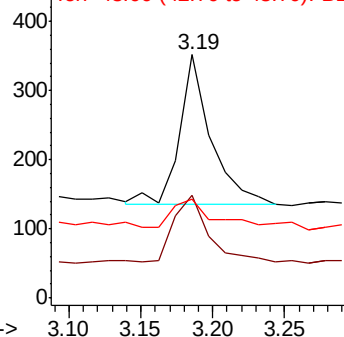
#2

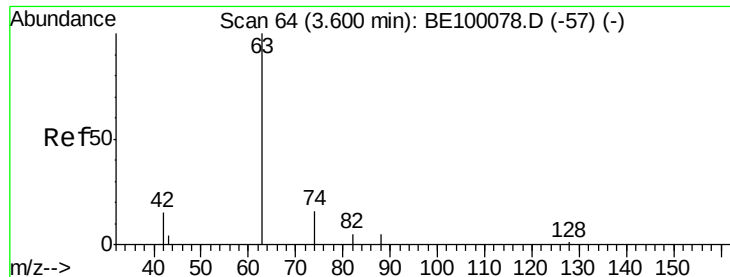
1,4-Dioxane
Concen: 0.425 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion: 88 Resp: 330
Ion Ratio Lower Upper
88 100
58 48.8 51.1 76.7#
43 21.5 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: 0.594 ng

RT: 3.55 min Scan# 60

Delta R.T. -0.04 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

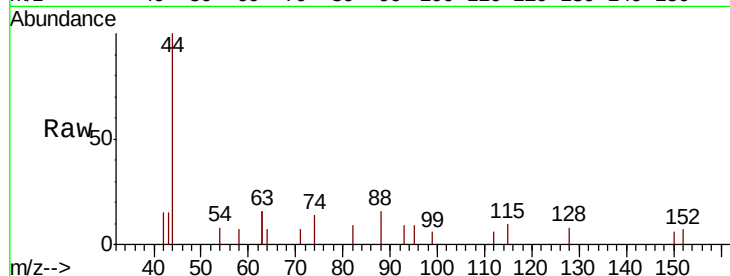
Tot Ion: 42 Resp: 129

Ion Ratio Lower Upper

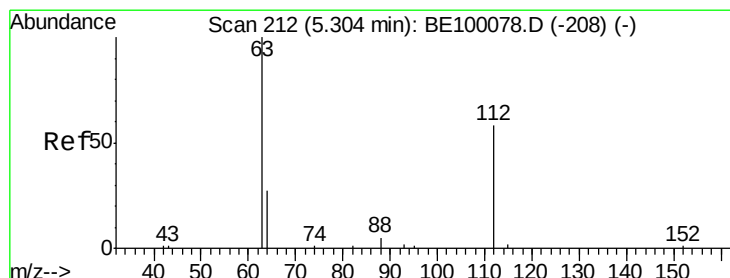
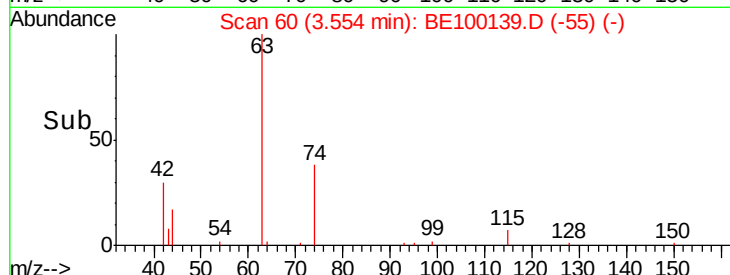
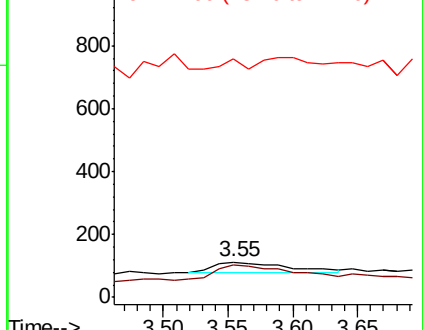
42 100

74 143.4 0.0 0.0#

44 22.5 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: 0.568 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

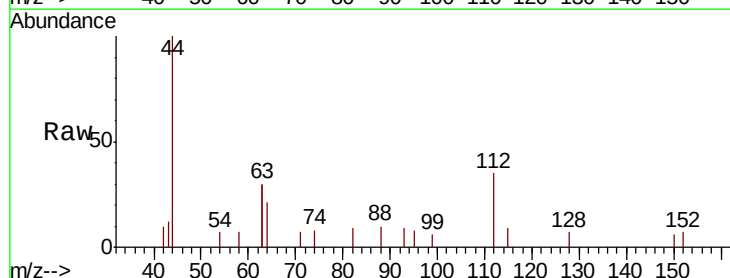
Tgt Ion: 112 Resp: 570

Ion Ratio Lower Upper

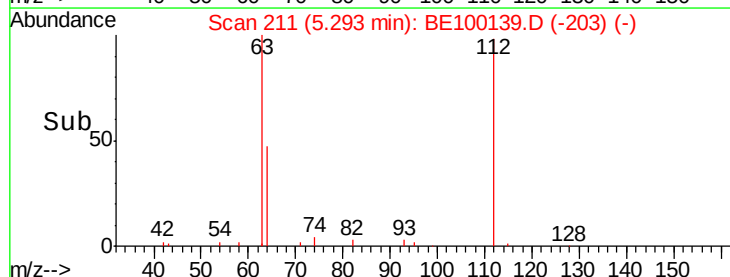
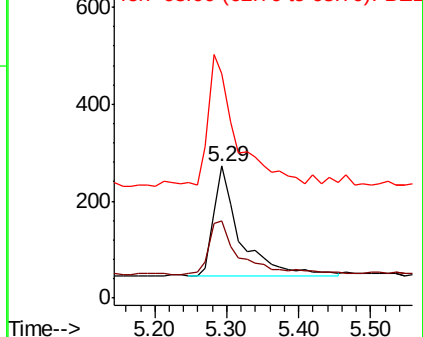
112 100

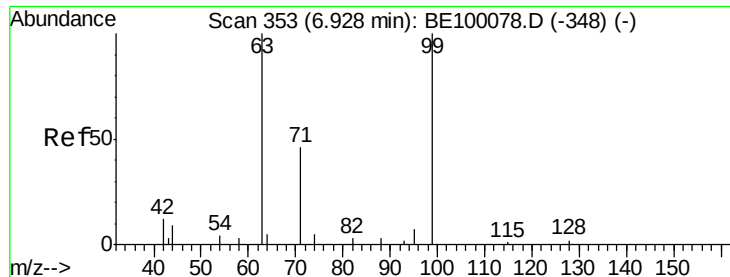
64 58.9 22.0 33.0#

63 120.2 121.8 182.6#



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: 0.576 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

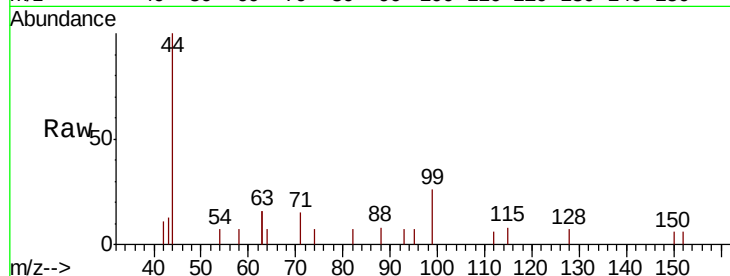
Tot Ion: 99 Resp: 795

Ion Ratio Lower Upper

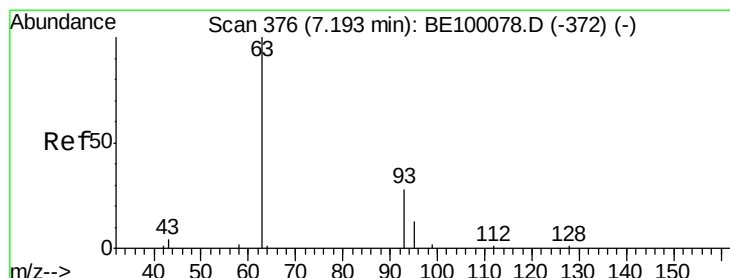
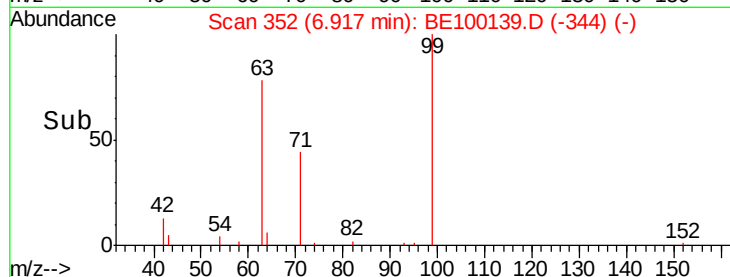
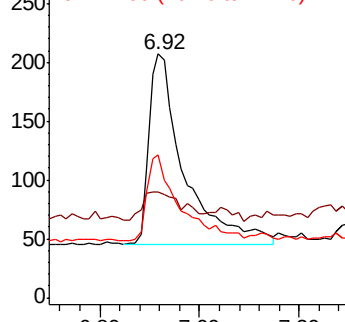
99 100

42 16.4 0.0 0.0#

71 41.6 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.421 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.03 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

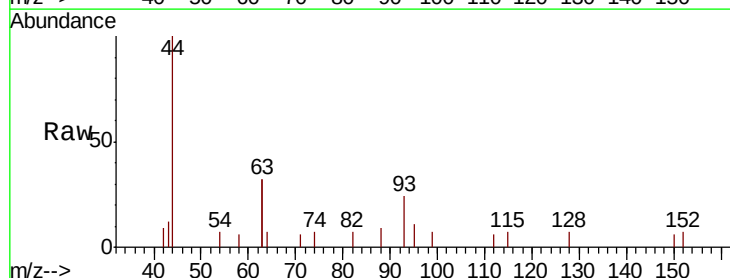
Tgt Ion: 93 Resp: 551

Ion Ratio Lower Upper

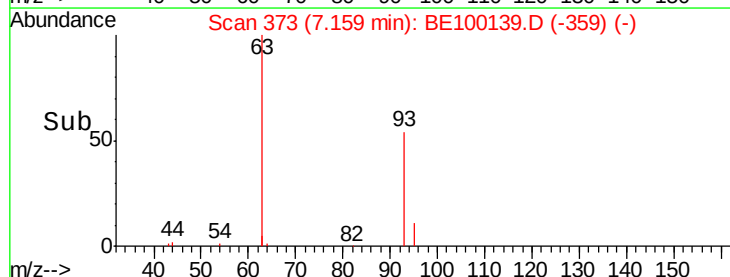
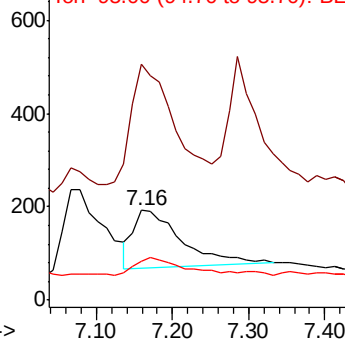
93 100

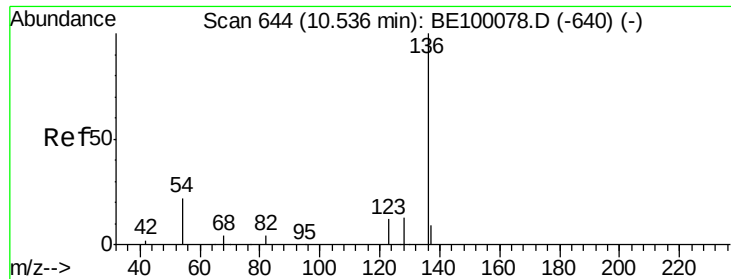
63 182.0 200.0 300.0#

95 30.9 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: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2002

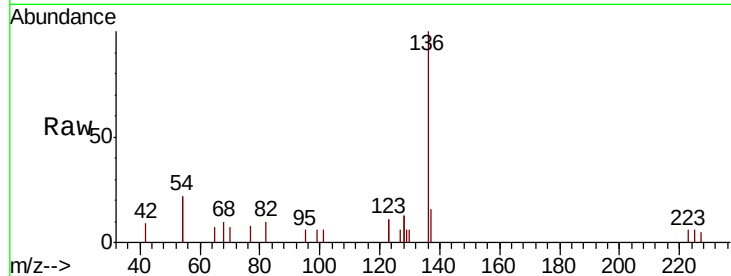
Ion Ratio Lower Upper

136 100

137 15.6 11.6 17.4

54 44.4 33.9 50.9

68 10.3 7.8 11.8

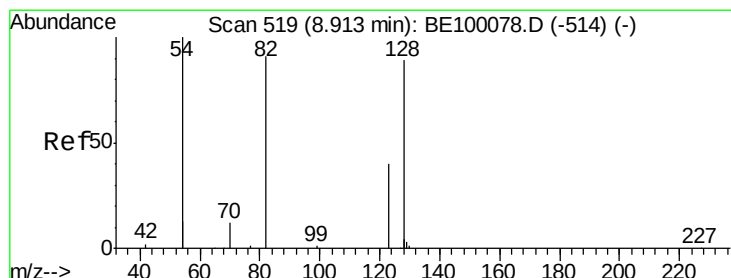
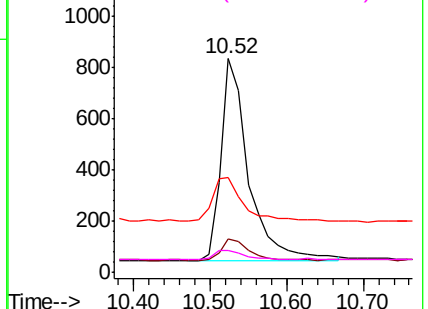
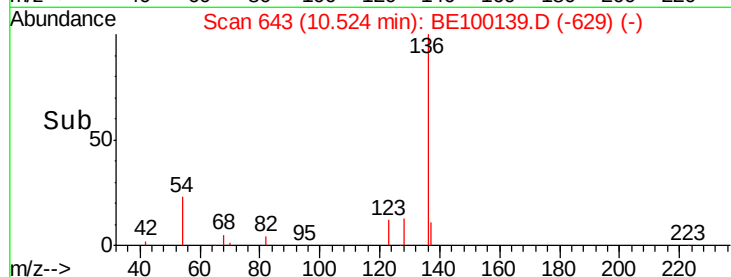


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.404 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

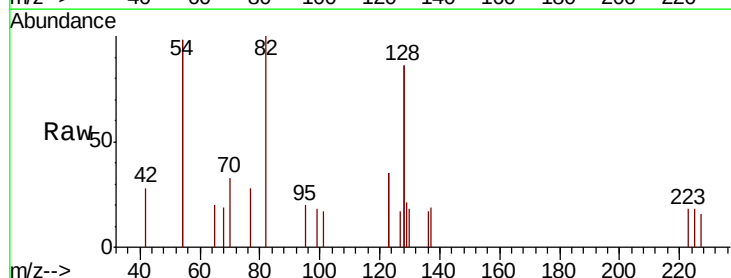
Tgt Ion: 82 Resp: 784

Ion Ratio Lower Upper

82 100

128 172.3 128.0 192.0

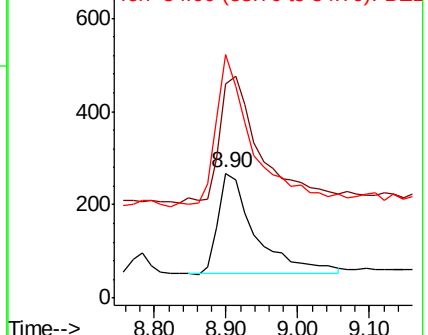
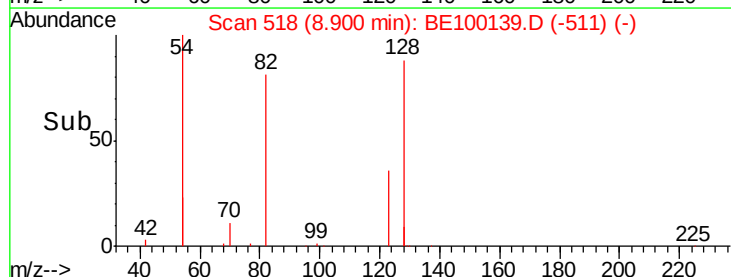
54 195.5 143.4 215.0

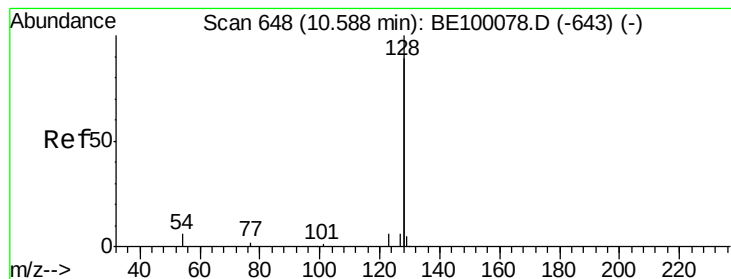


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.401 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

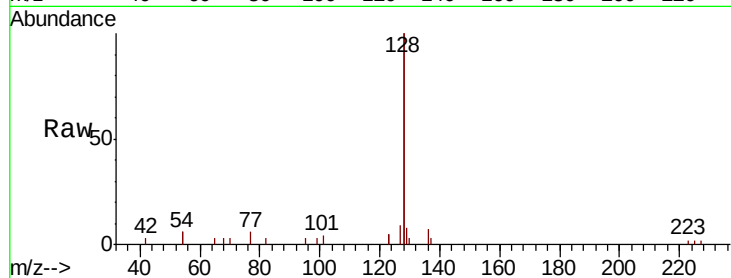
Tot Ion:128 Resp: 8732

Ion Ratio Lower Upper

128 100

129 3.9 3.1 4.7

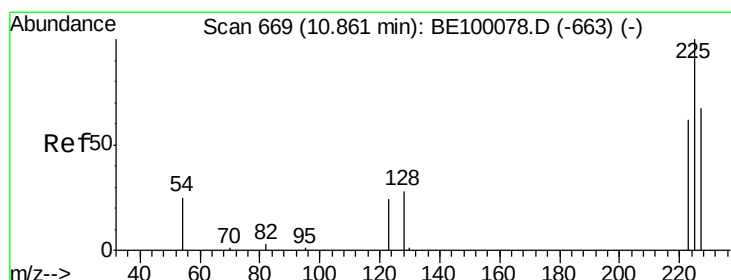
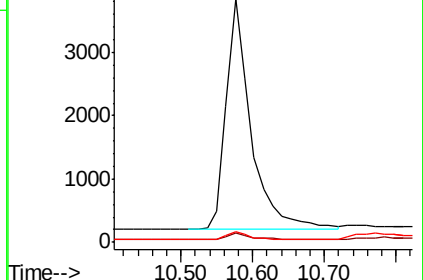
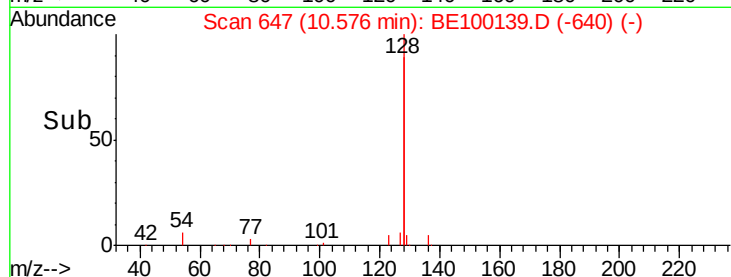
127 4.3 3.4 5.2



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: 0.349 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

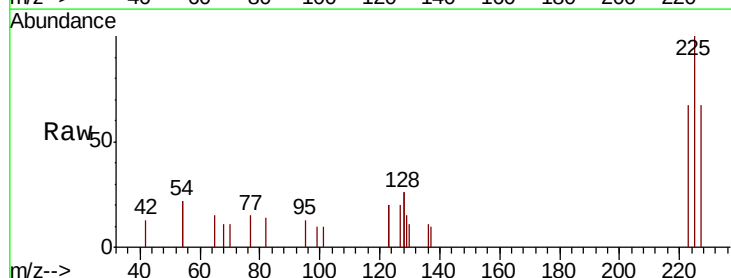
Tgt Ion:225 Resp: 746

Ion Ratio Lower Upper

225 100

223 61.3 52.2 78.4

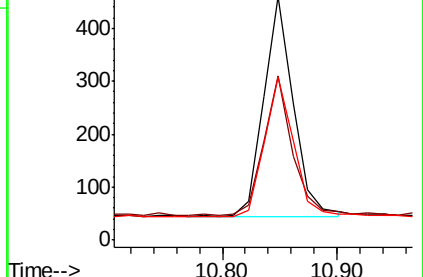
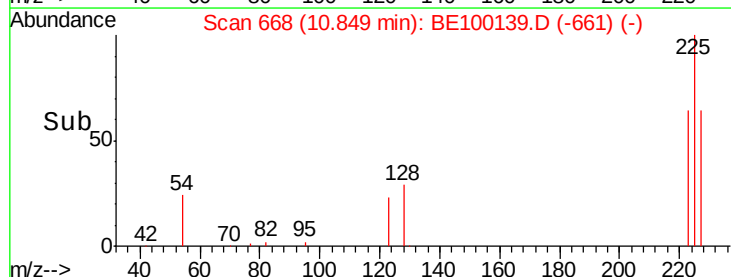
227 62.7 53.0 79.6

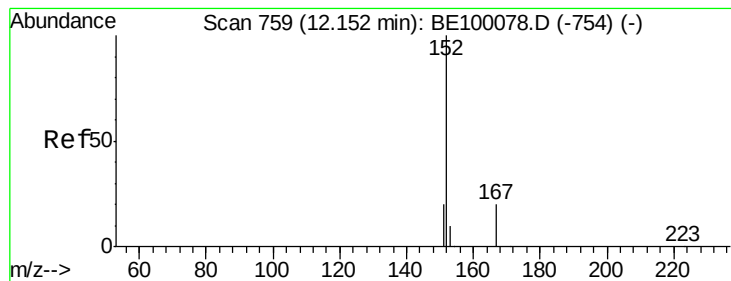


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

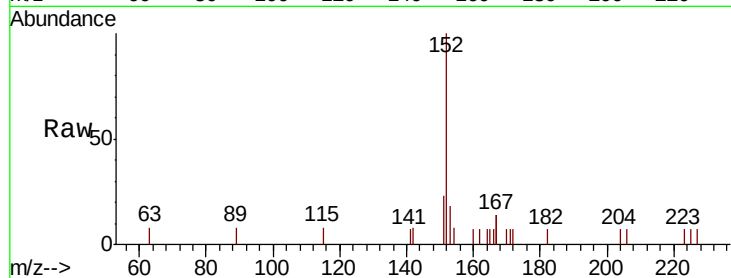




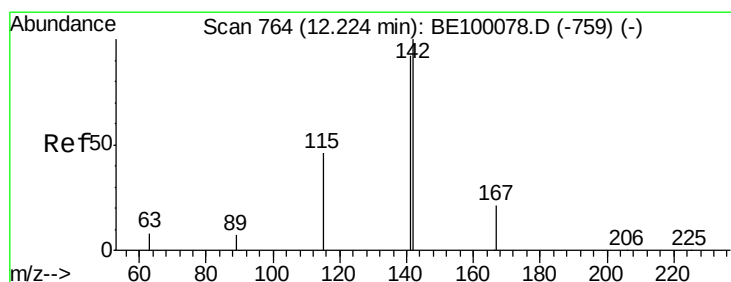
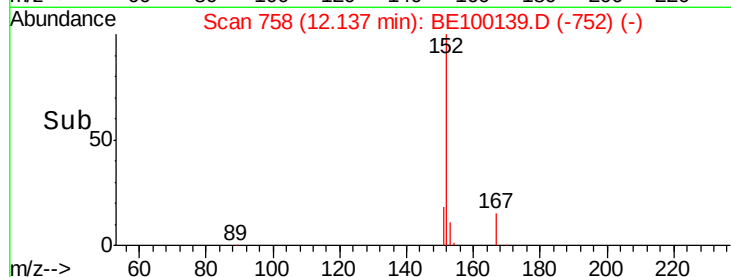
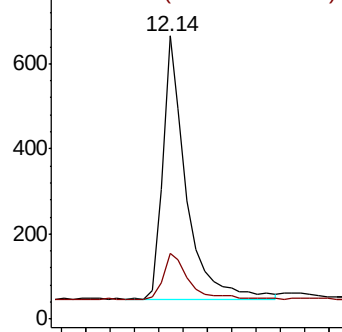
#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1680
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5

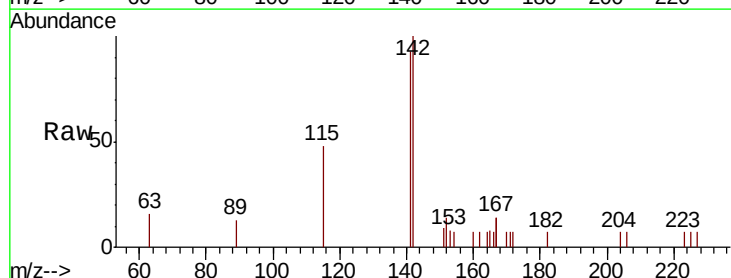


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

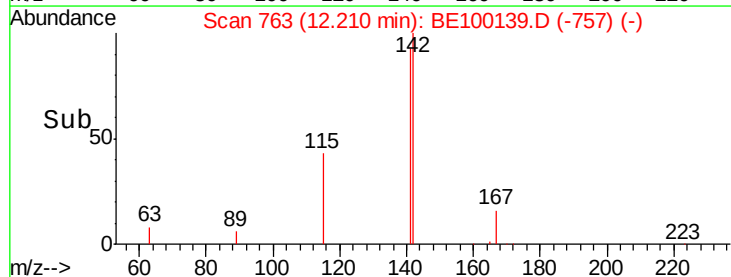
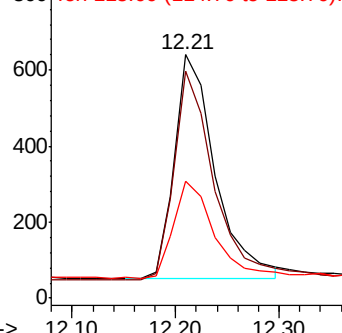


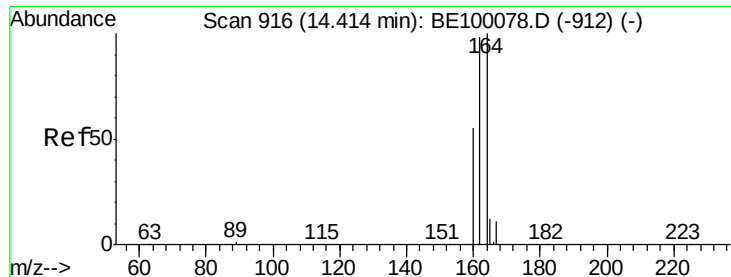
#12
2-Methylnaphthalene
Concen: 0.449 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:142 Resp: 1607
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1
115 47.9 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: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

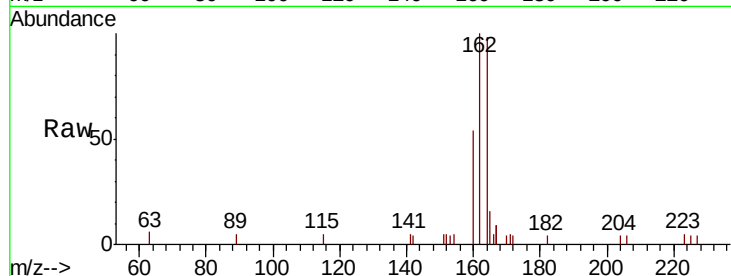
Tot Ion:164 Resp: 1889

Ion Ratio Lower Upper

164 100

162 102.6 78.2 117.2

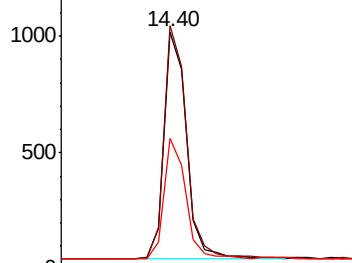
160 55.4 45.6 68.4



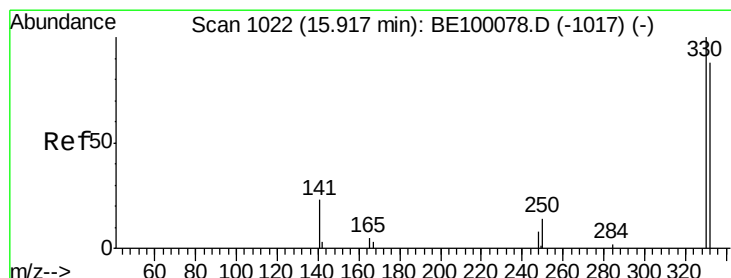
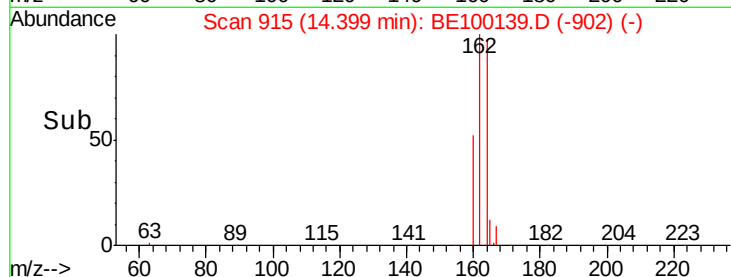
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.456 ng

RT: 15.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

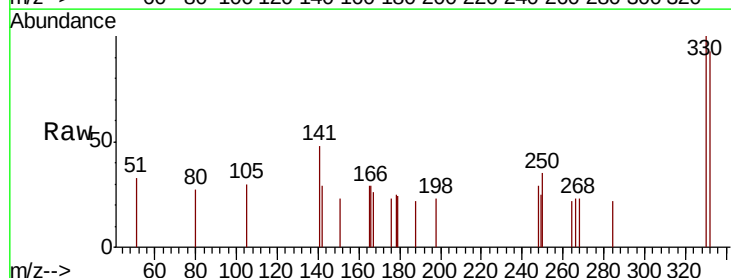
Tgt Ion:330 Resp: 476

Ion Ratio Lower Upper

330 100

332 95.6 73.3 109.9

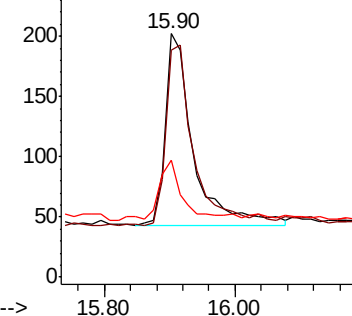
141 27.9 22.2 33.2



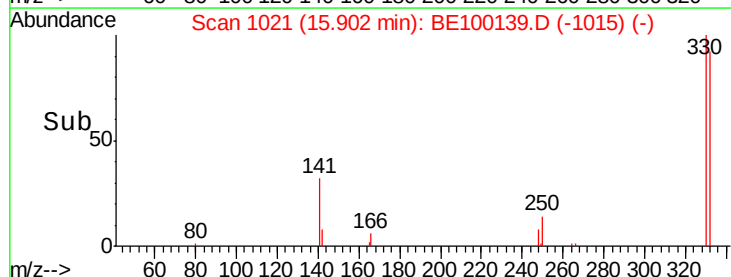
Abundance Ion 330.00 (329.70 to 330.70): E

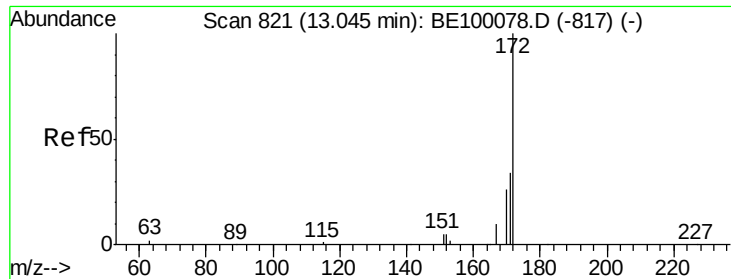
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

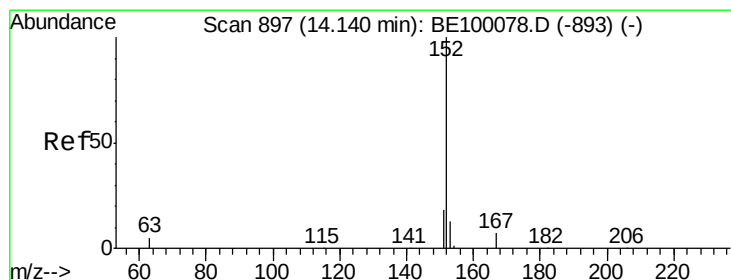
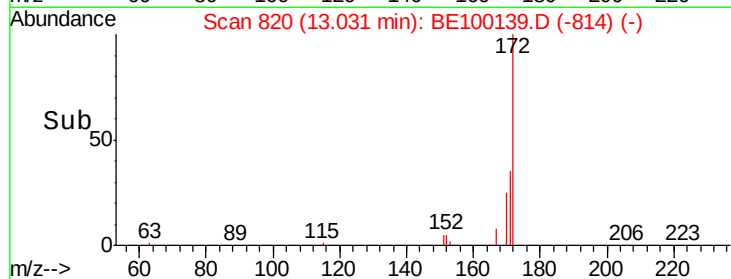
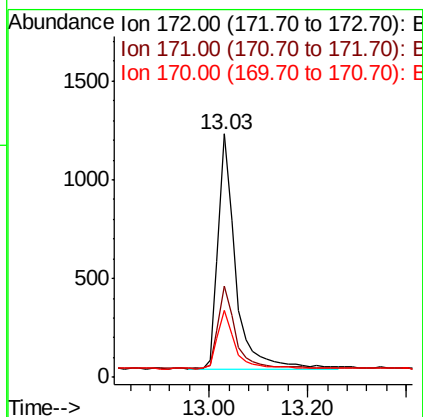
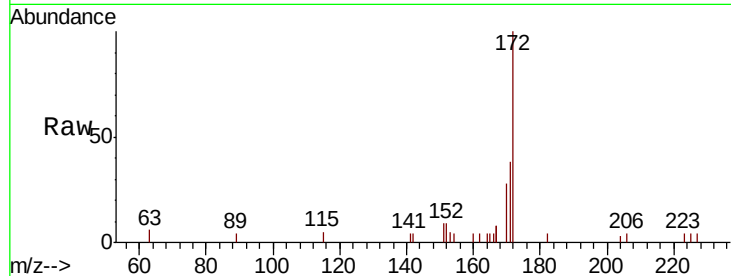




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

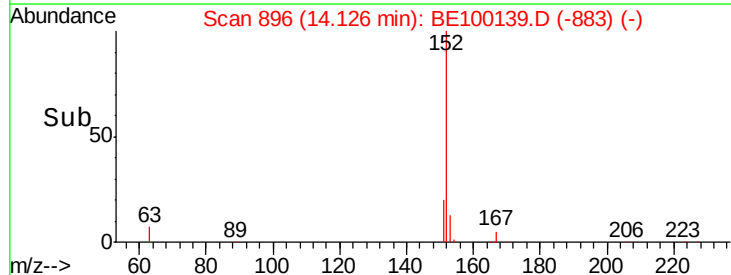
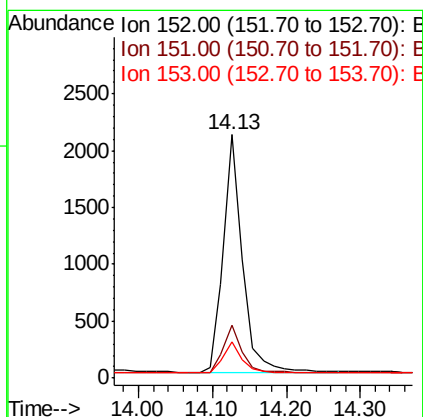
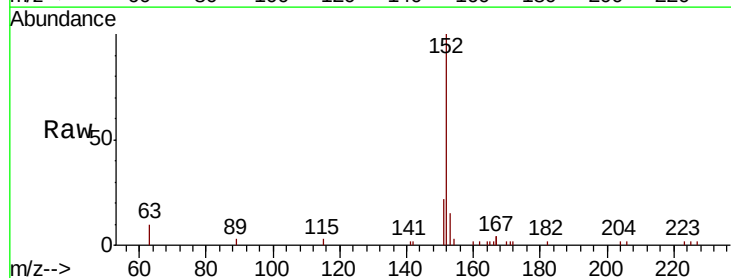
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

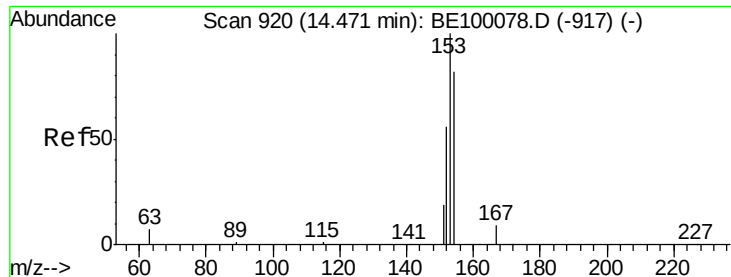
Tot Ion:172 Resp: 2898
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.8
170 27.7 23.2 34.8



#16
Acenaphthylene
Concen: 0.419 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:152 Resp: 3754
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.7 10.1 15.1





#17

Acenaphthene

Concen: 0.418 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

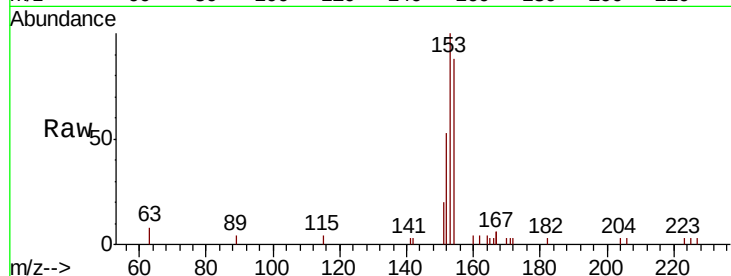
Tot Ion:154 Resp: 2096

Ion Ratio Lower Upper

154 100

153 119.5 95.5 143.3

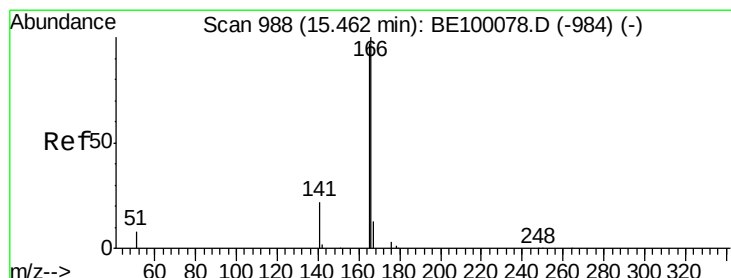
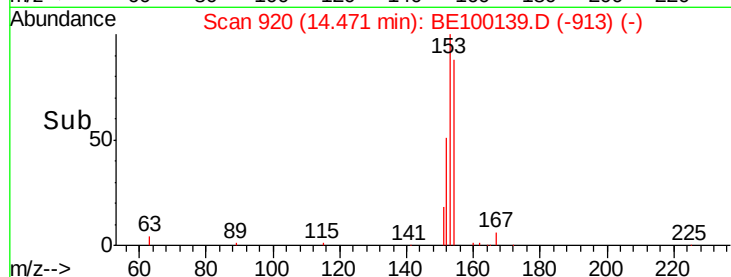
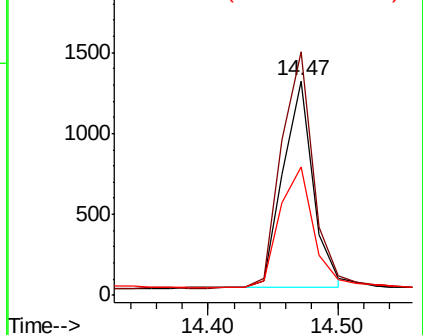
152 63.6 54.9 82.3



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: 0.441 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

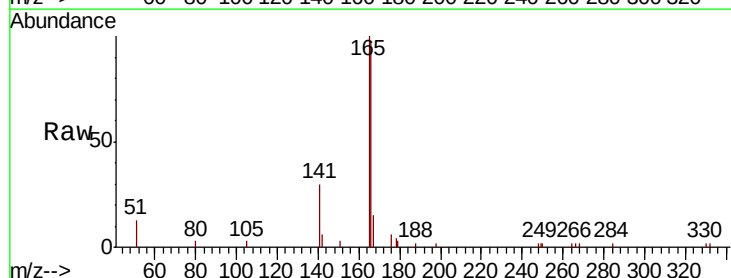
Tgt Ion:166 Resp: 3290

Ion Ratio Lower Upper

166 100

165 100.7 79.8 119.8

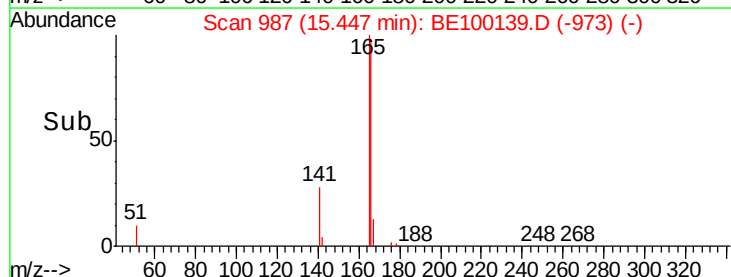
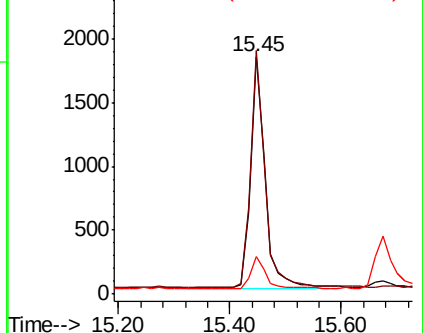
167 13.5 10.2 15.4

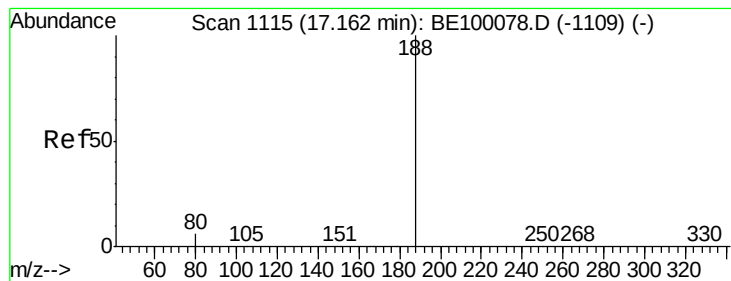


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

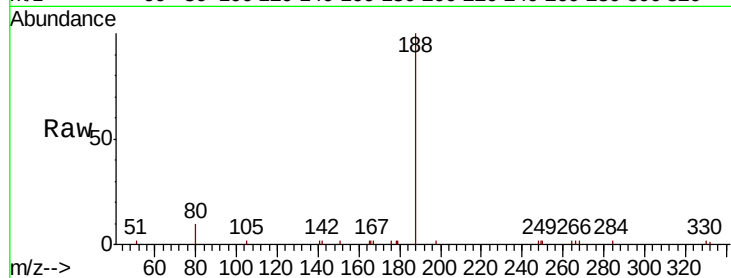
Tot Ion:188 Resp: 6600

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

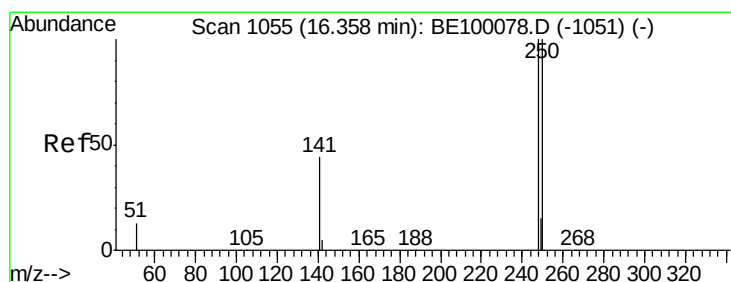
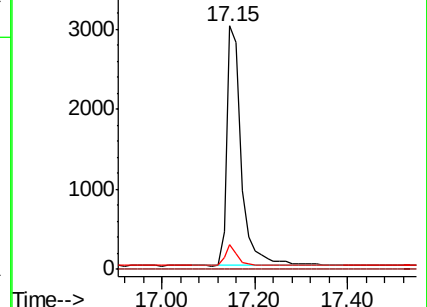
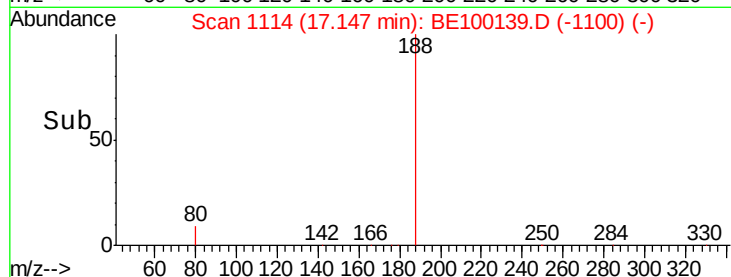
80 10.1 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.402 ng

RT: 16.34 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

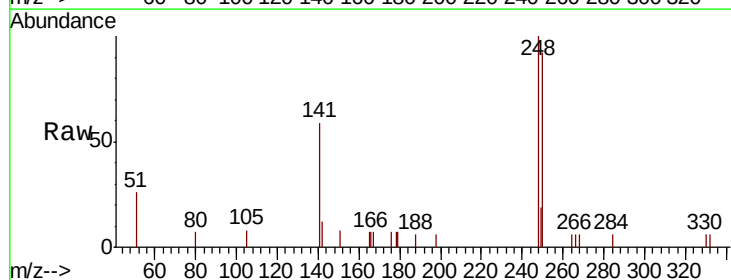
Tgt Ion:248 Resp: 1578

Ion Ratio Lower Upper

248 100

250 92.2 80.6 120.8

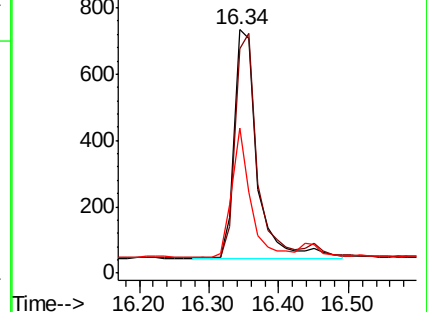
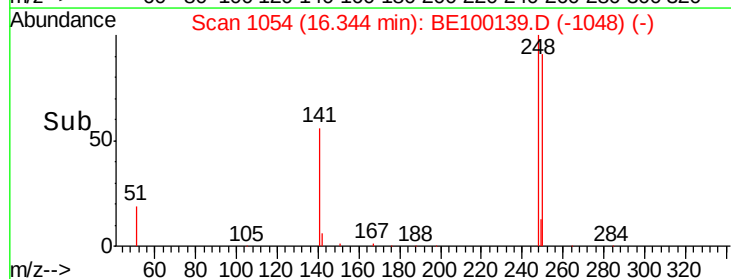
141 59.4 38.8 58.2#

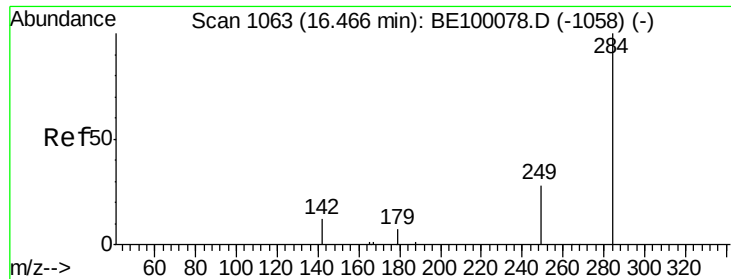


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

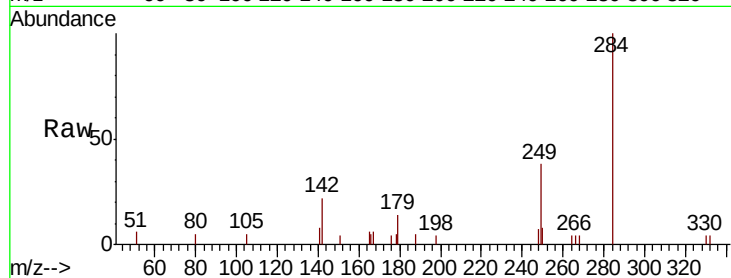




#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.0	20.7	31.1
249	32.5	26.6	39.8

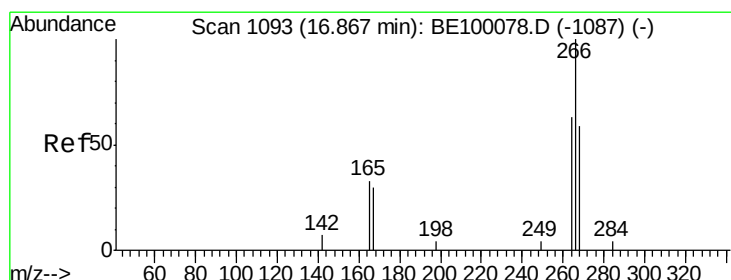
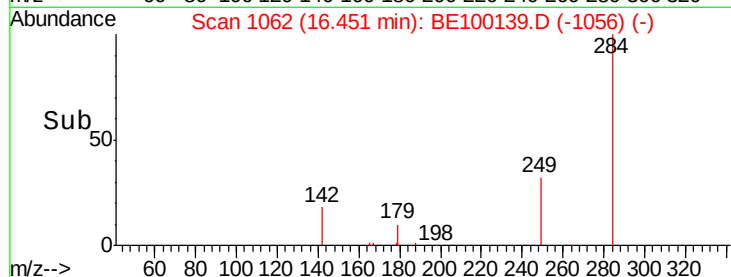
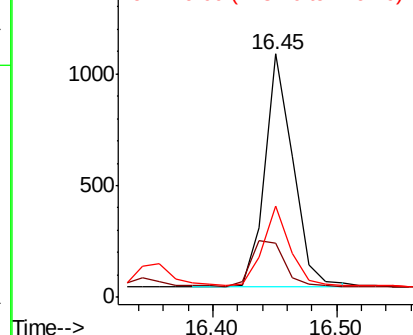


Abundance

Ion 283.80 (283.50 to 284.50): E

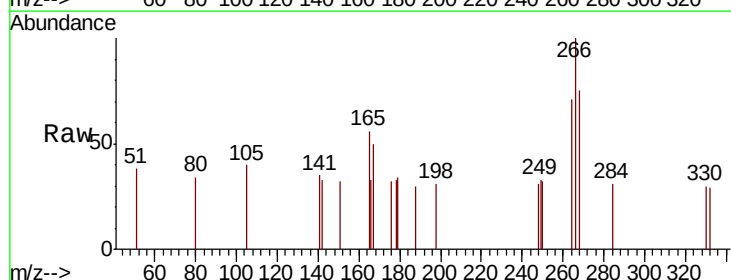
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.507 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.6	67.8	101.6
268	75.2	70.0	105.0

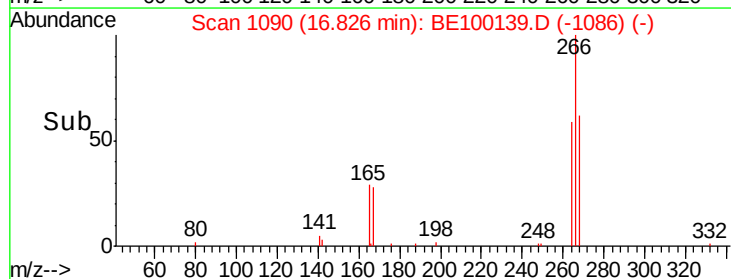
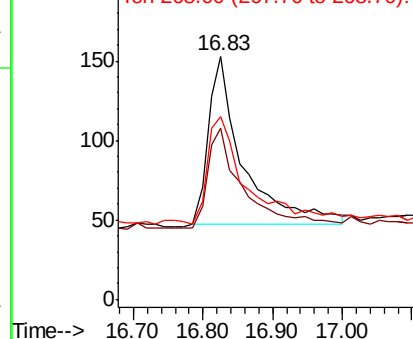


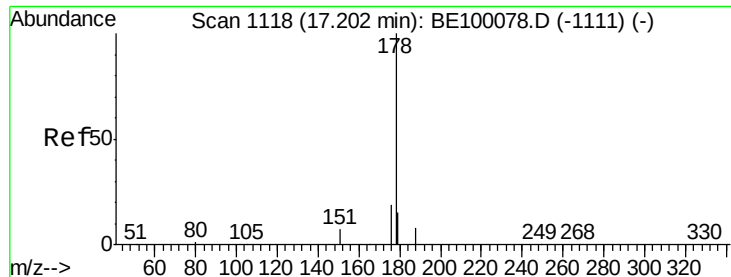
Abundance

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

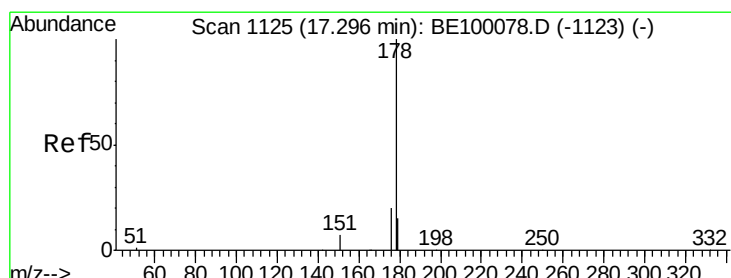
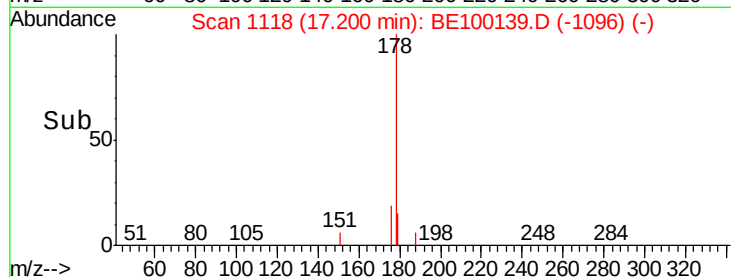
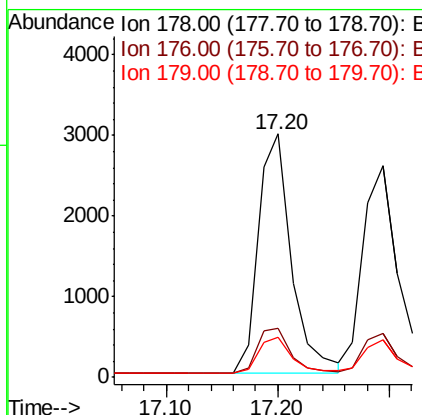
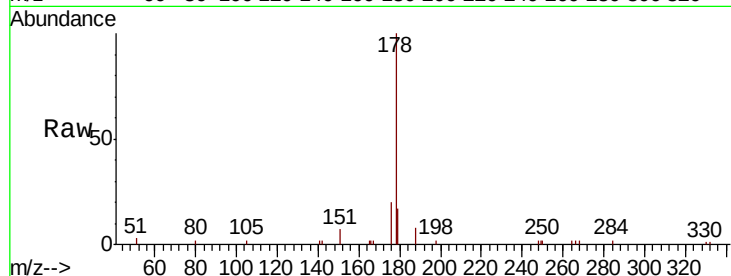




#23
Phenanthrene
Concen: 0.390 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

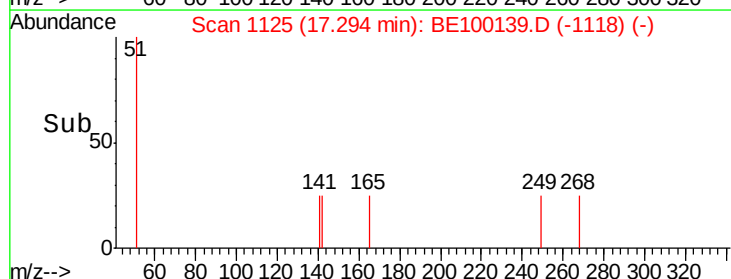
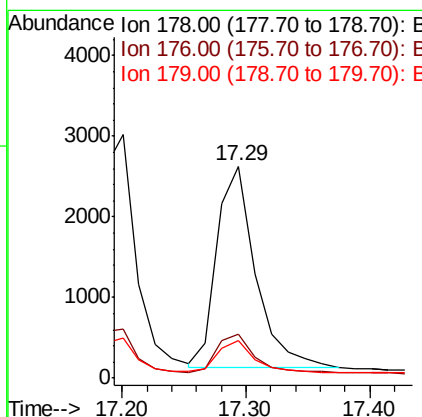
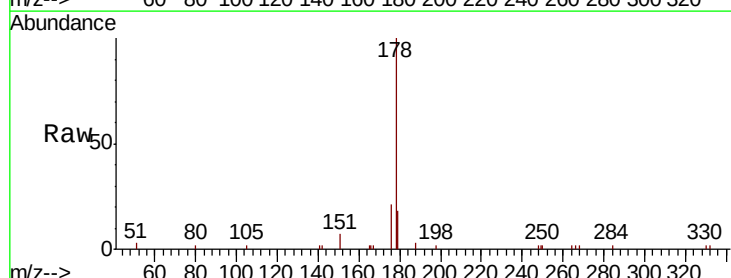
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

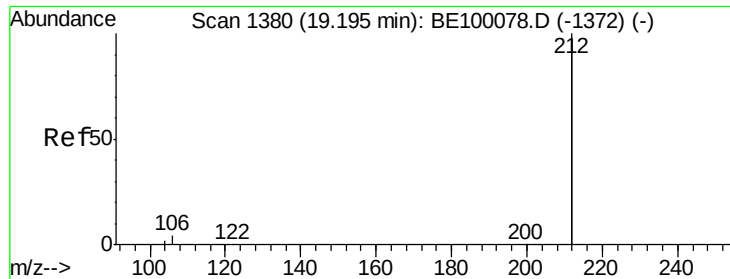
Tot Ion:178 Resp: 6166
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.9 13.1 19.7



#24
Anthracene
Concen: 0.403 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100139.D
Acq: 21 Jun 2019 16:51

Tgt Ion:178 Resp: 5373
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 15.6 12.0 18.0

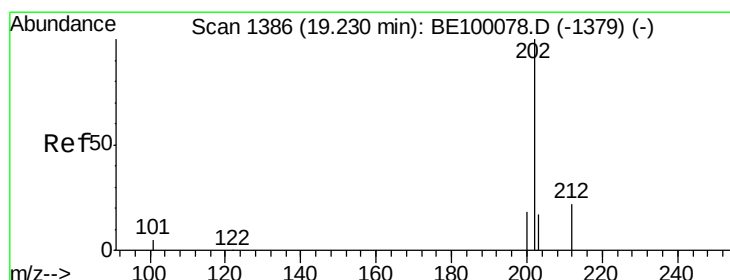
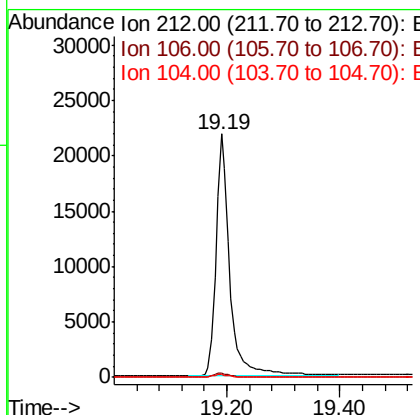
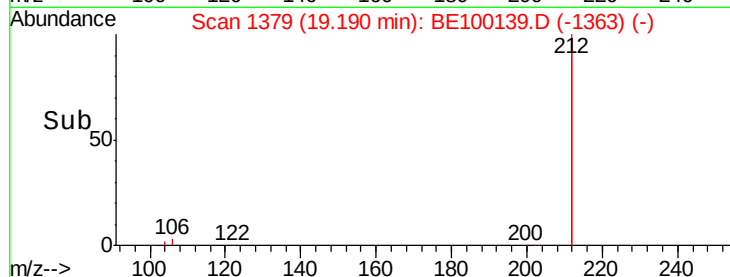
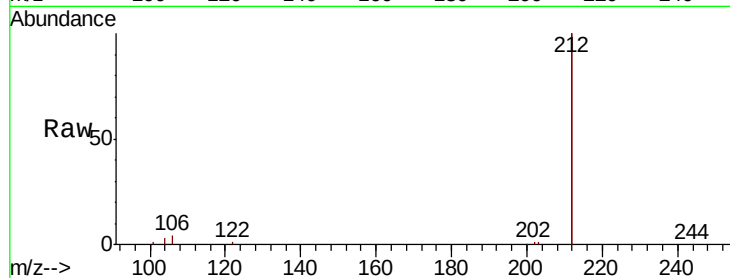




#25
 Fluoranthene-d10
 Concen: 0.386 ng
 RT: 19.19 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BE100139.D
 Acq: 21 Jun 2019 16:51

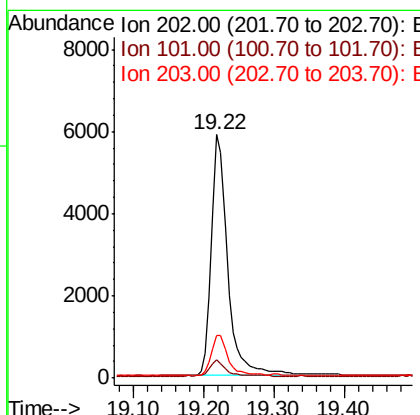
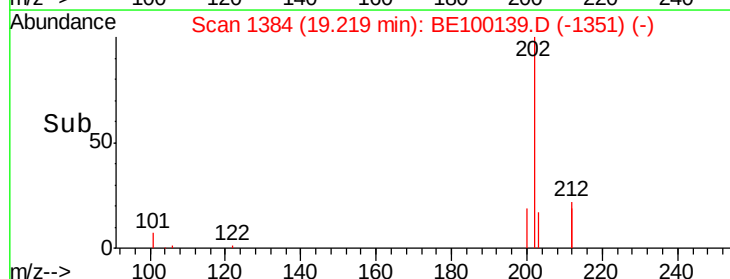
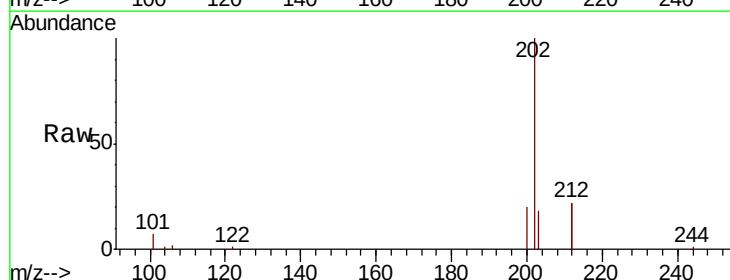
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

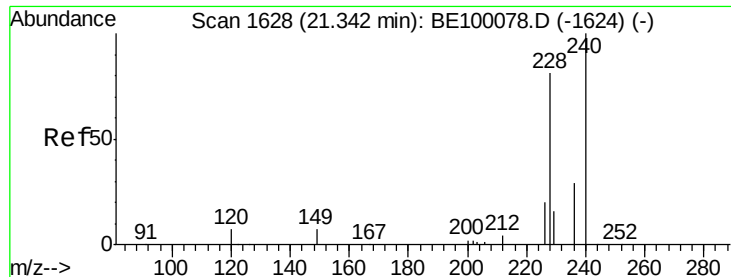
Tot Ion:212 Resp: 36424
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 0.380 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BE100139.D
 Acq: 21 Jun 2019 16:51

Tgt Ion:202 Resp: 9641
 Ion Ratio Lower Upper
 202 100
 101 6.3 5.0 7.4
 203 16.6 13.7 20.5

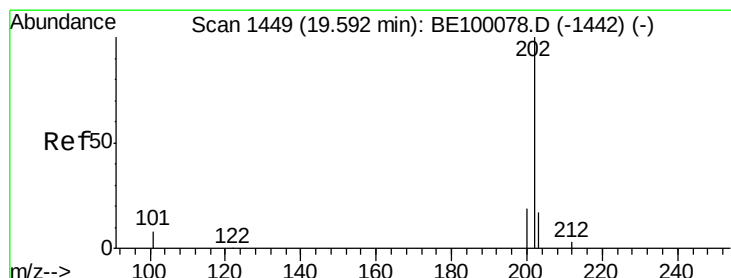
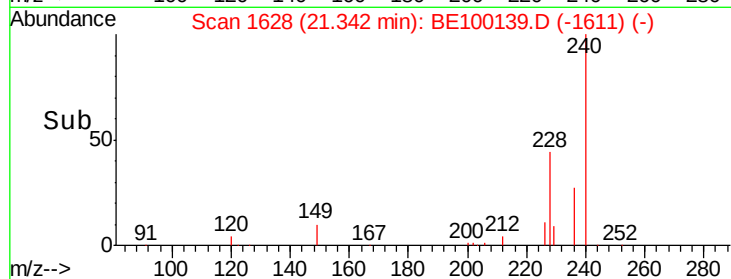
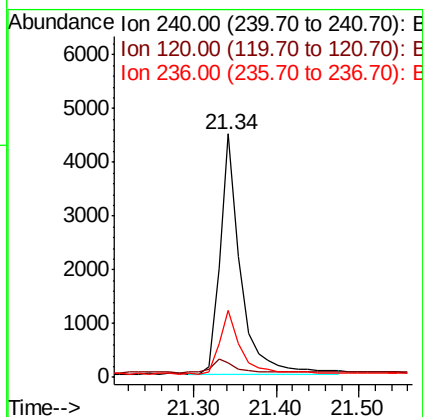
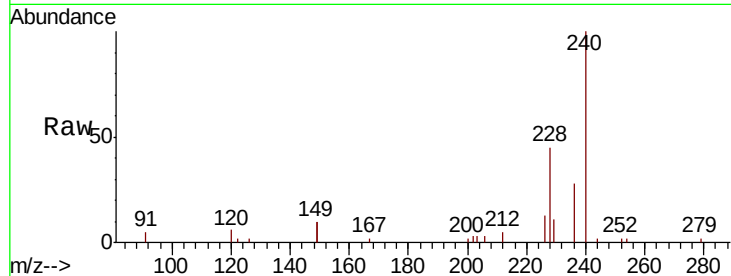




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BE100139.D
 Acq: 21 Jun 2019 16:51

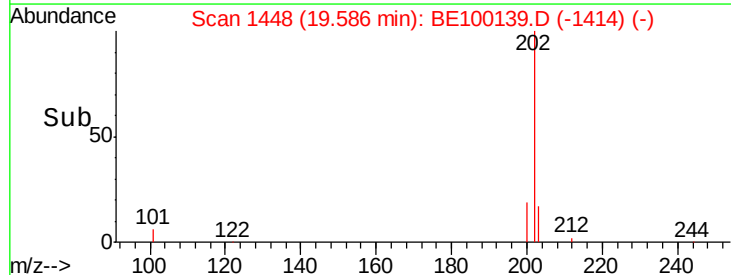
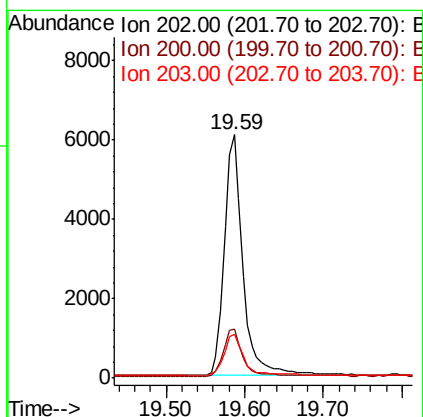
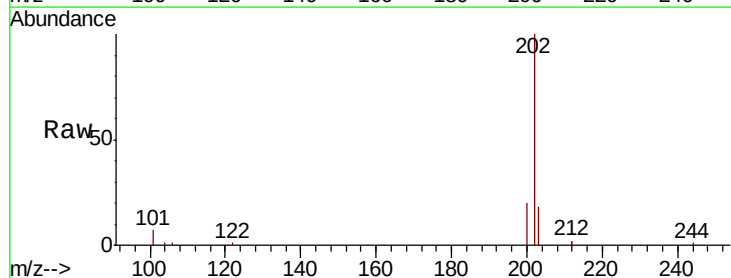
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

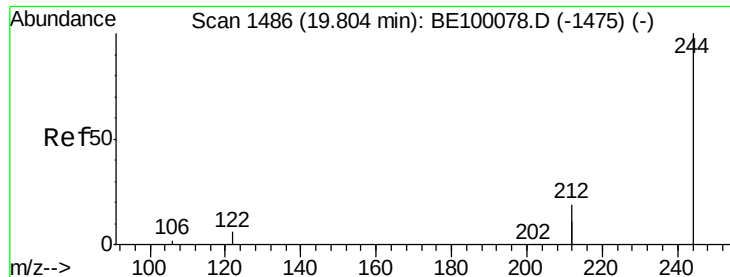
Tot Ion:240 Resp: 7845
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.6 10.0#
 236 27.8 23.8 35.6



#28
 Pyrene
 Concen: 0.494 ng
 RT: 19.59 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BE100139.D
 Acq: 21 Jun 2019 16:51

Tgt Ion:202 Resp: 9954
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.6 23.4
 203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

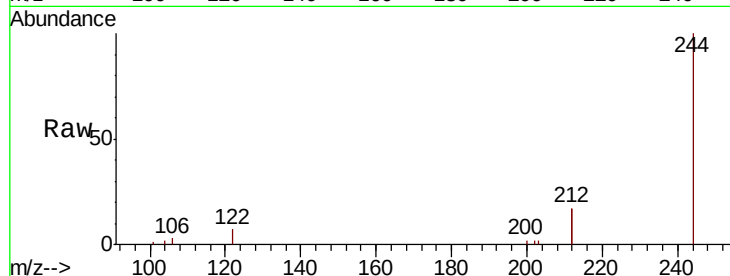
Tot Ion:244 Resp: 7383

Ion Ratio Lower Upper

244 100

212 33.9 29.8 44.8

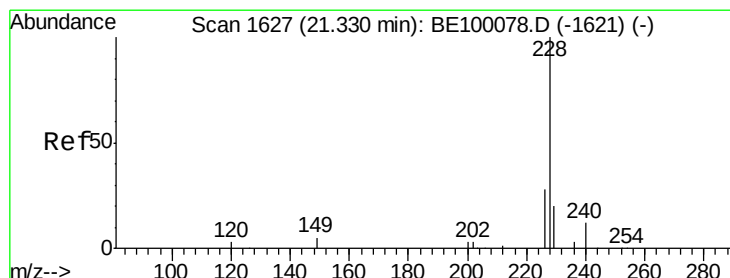
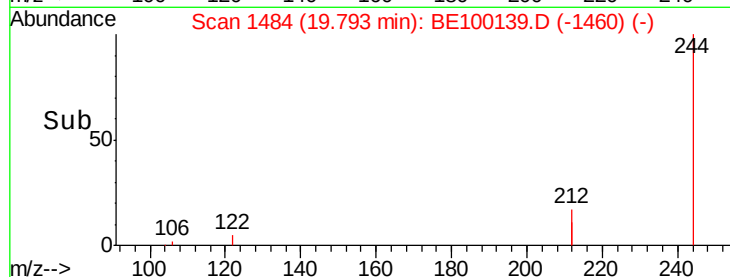
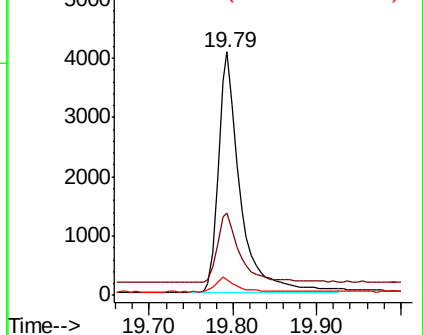
122 6.6 6.1 9.1



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: 0.421 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

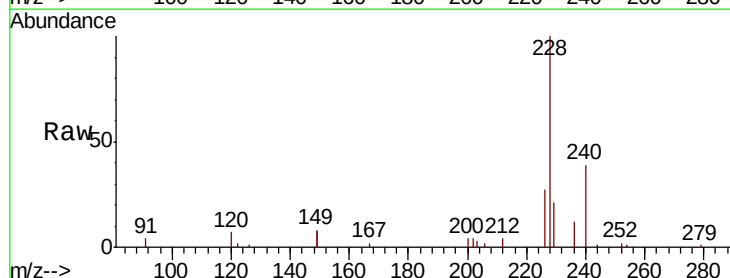
Tgt Ion:228 Resp: 9833

Ion Ratio Lower Upper

228 100

226 26.8 23.0 34.4

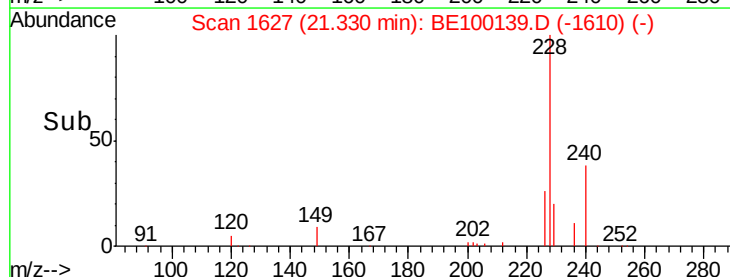
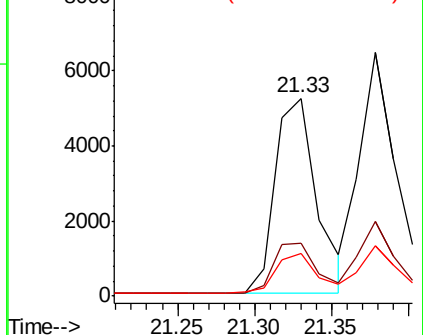
229 21.3 16.4 24.6

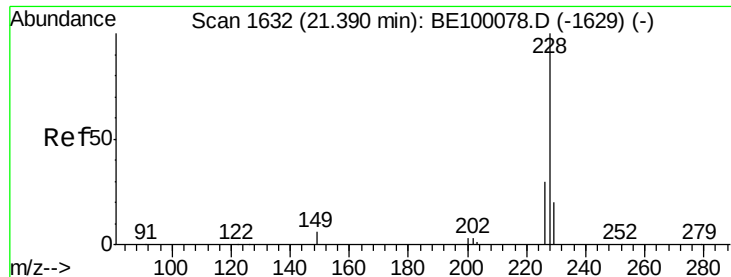


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.401 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

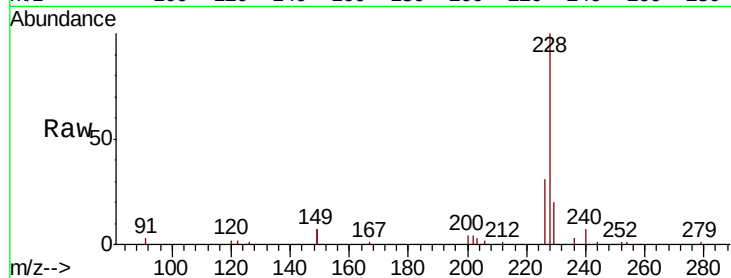
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 10887

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	20.5	16.3	24.5

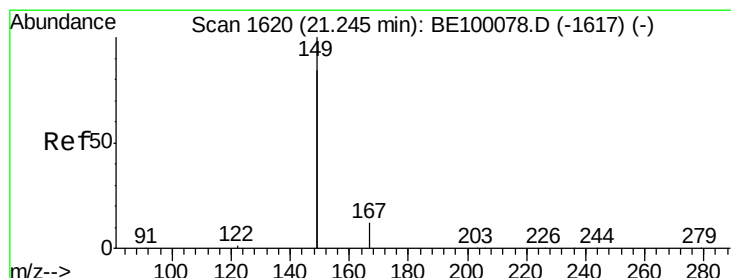
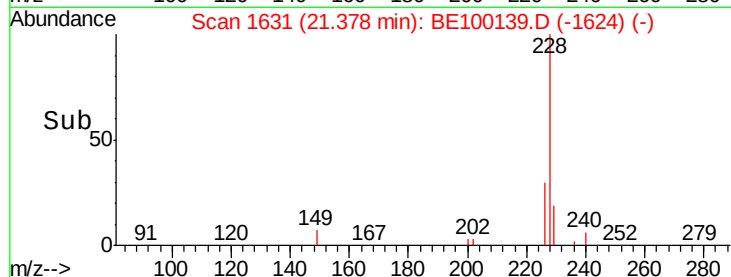
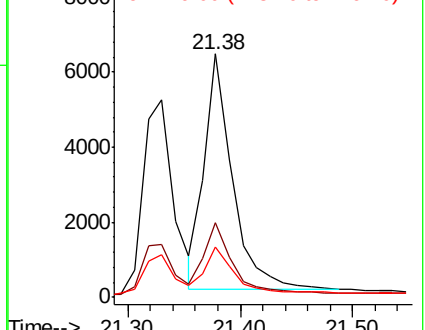


Abundance

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: 0.720 ng

RT: 21.25 min Scan# 1620

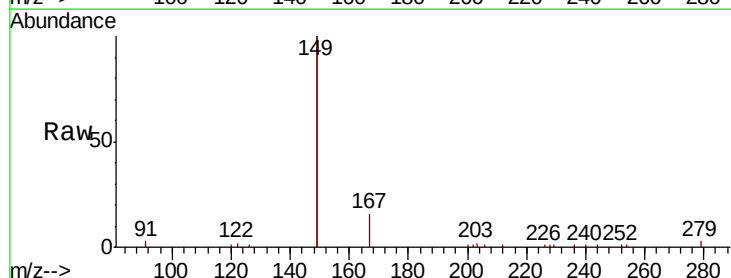
Delta R.T. 0.00 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Tgt Ion:149 Resp: 15851

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.6
279	1.5	1.1	1.7

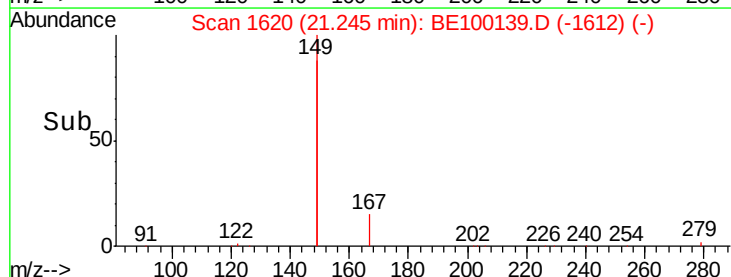
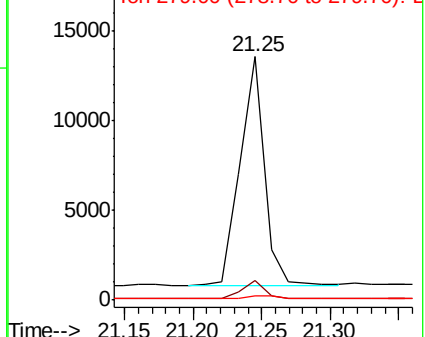


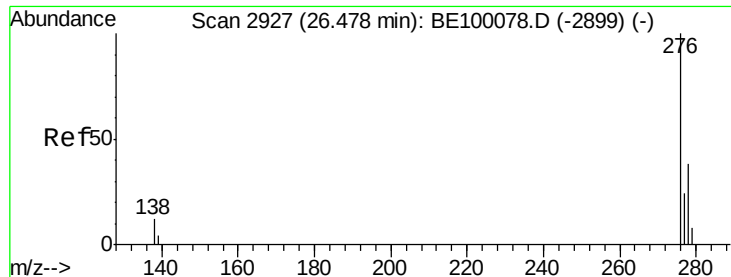
Abundance

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

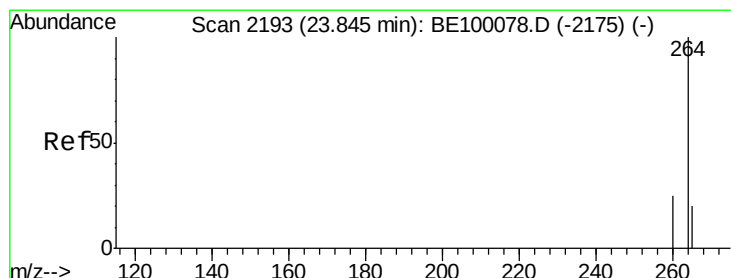
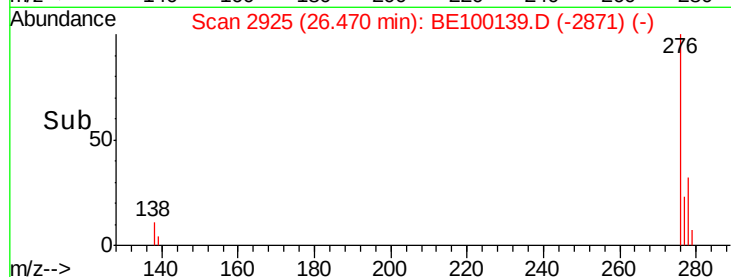
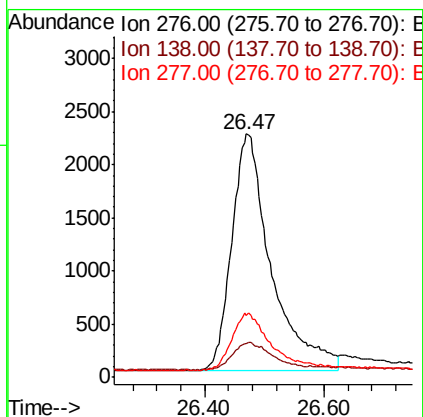
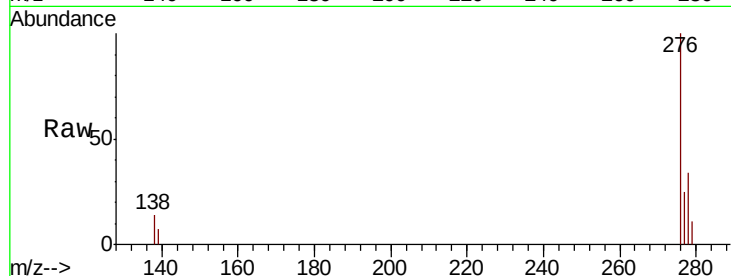




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.336 ng
 RT: 26.47 min Scan# 2925
 Delta R.T. -0.01 min
 Lab File: BE100139.D
 Acq: 21 Jun 2019 16:51

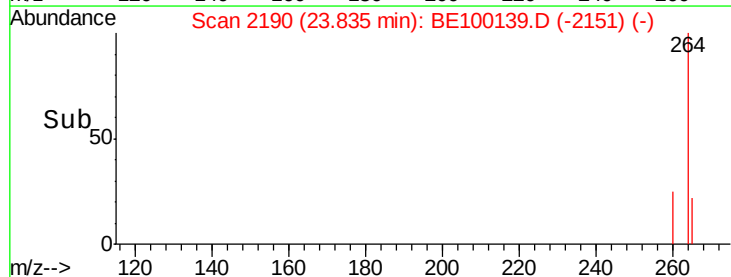
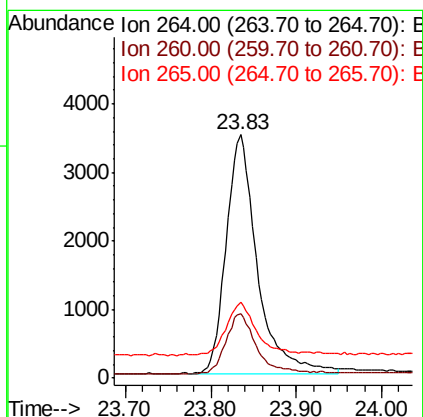
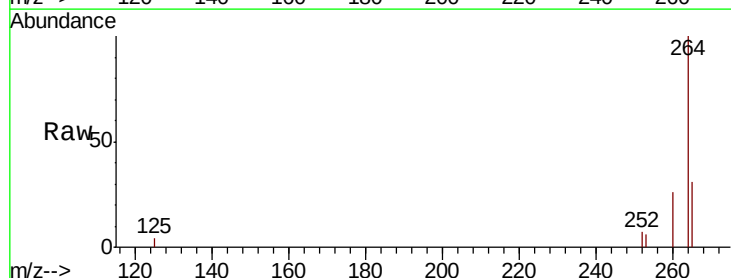
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

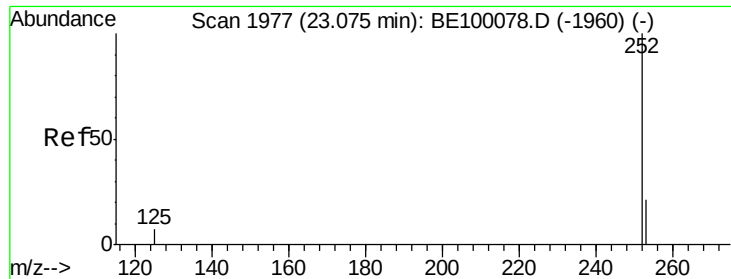
Tot Ion:276 Resp: 10258
 Ion Ratio Lower Upper
 276 100
 138 11.9 4.3 6.5#
 277 24.6 19.4 29.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BE100139.D
 Acq: 21 Jun 2019 16:51

Tgt Ion:264 Resp: 8831
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.8 31.2
 265 31.1 23.2 34.8





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 23.07 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

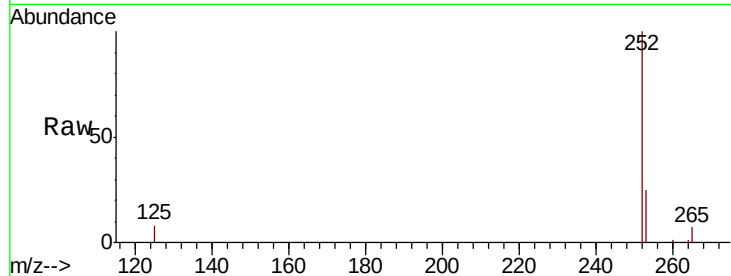
Tot Ion:252 Resp: 9670

Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

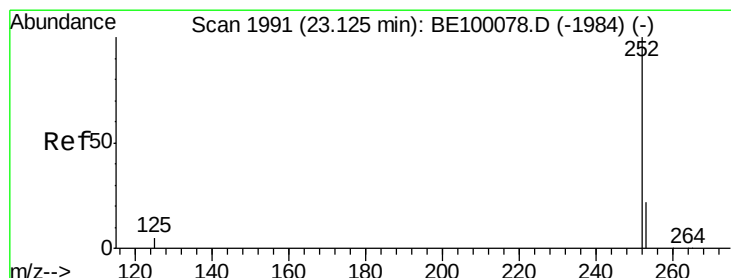
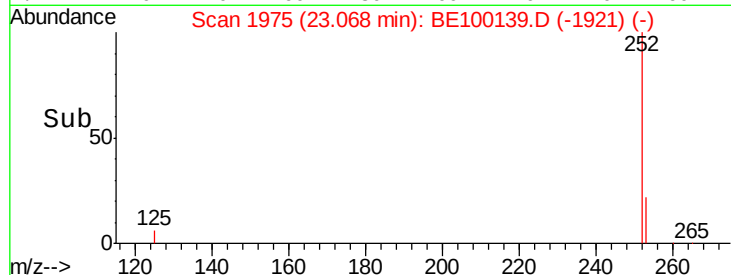
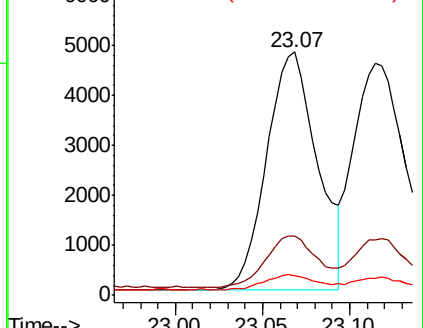
125 8.3 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.357 ng

RT: 23.11 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

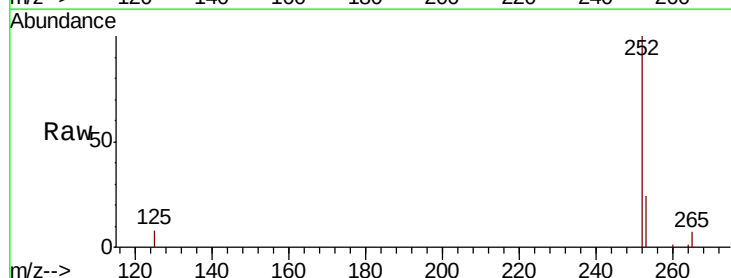
Tgt Ion:252 Resp: 10510

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

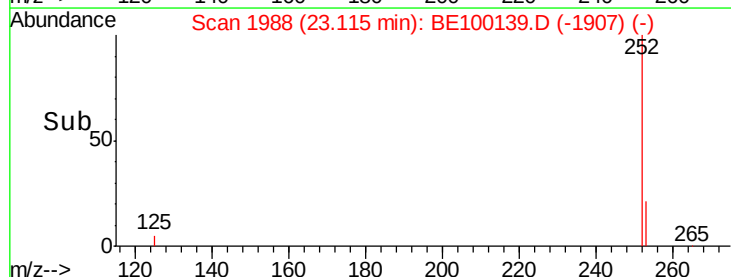
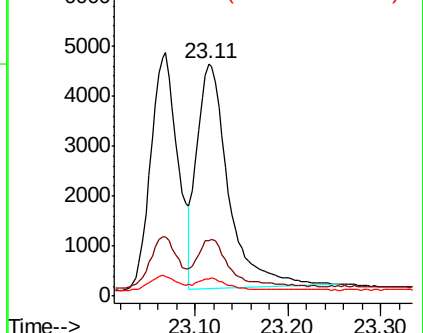
125 7.6 5.3 7.9

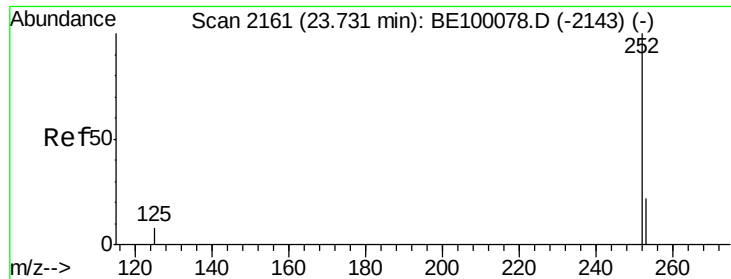


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

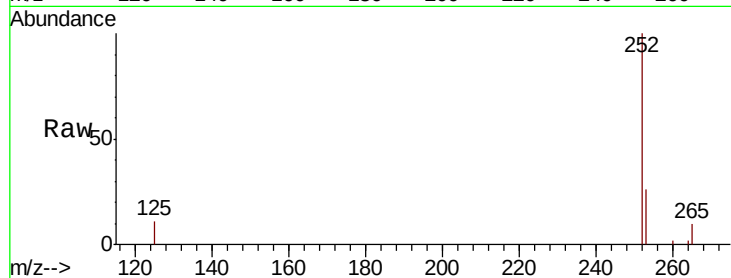
Tot Ion:252 Resp: 9301

Ion Ratio Lower Upper

252 100

253 26.5 19.4 29.2

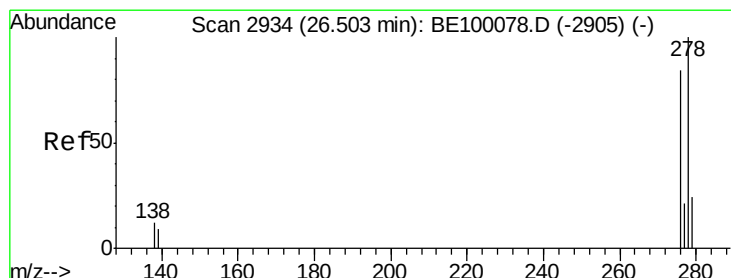
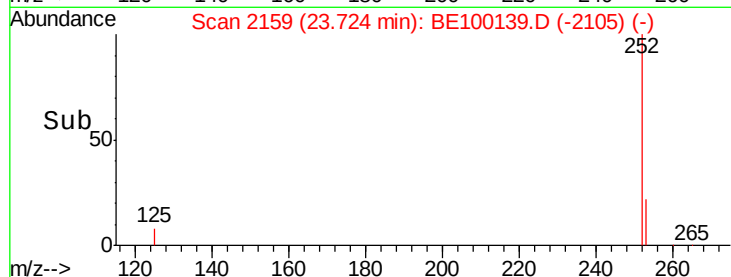
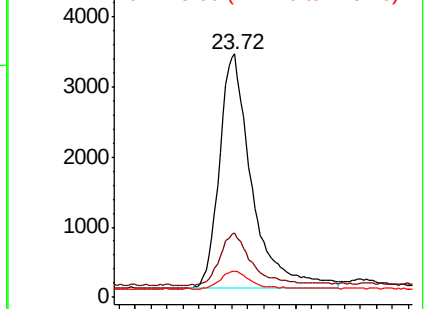
125 10.9 8.0 12.0



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: 0.293 ng

RT: 26.49 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BE100139.D

Acq: 21 Jun 2019 16:51

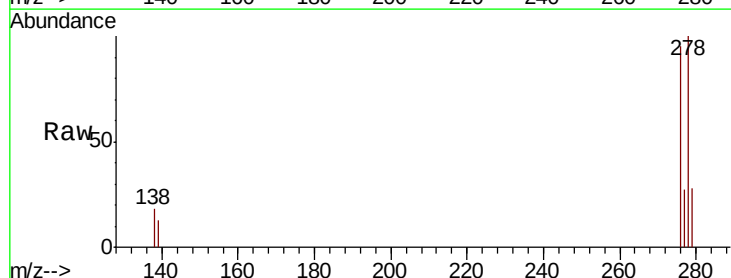
Tgt Ion:278 Resp: 7521

Ion Ratio Lower Upper

278 100

139 13.0 9.0 13.6

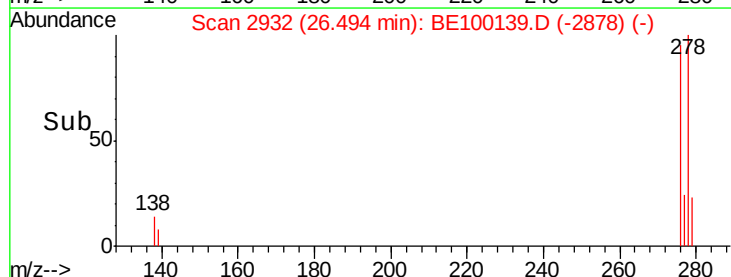
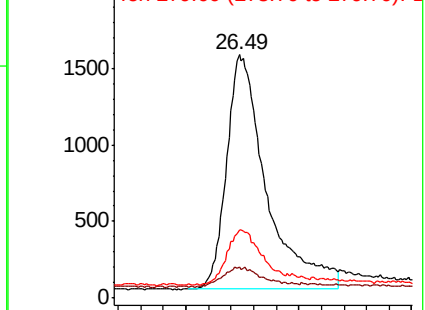
279 28.1 21.4 32.0

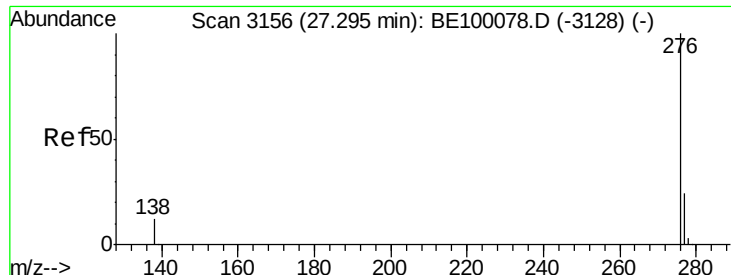


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.362 ng

RT: 27.28 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BE100139.D

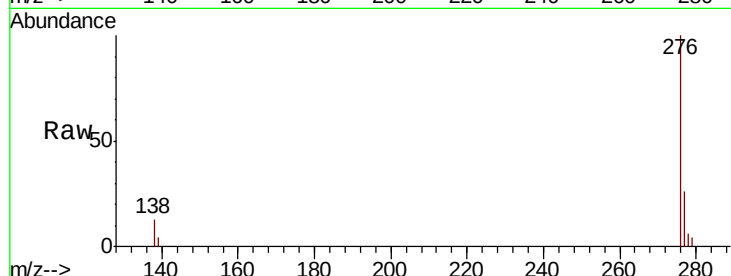
Acq: 21 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



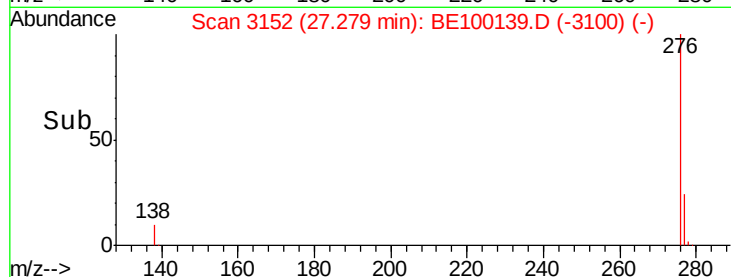
Tot Ion: 276 Resp: 9633

Ion Ratio Lower Upper

276 100

277 26.1 20.3 30.5

138 13.2 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

