

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100489.D
 Acq On : 22 Jul 2019 21:18
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 23 08:11:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2351	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10158	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	6875	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	18572	0.40	ng	0.00
27) Chrysene-d12	21.38	240	20988	0.40	ng	0.00
34) Perylene-d12	23.86	264	22527	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	2316	0.40	ng	0.00
5) Phenol-d6	7.03	99	3263	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	3224	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	6470	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1107	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	10633	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	95416	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	20313	0.39	ng	0.00

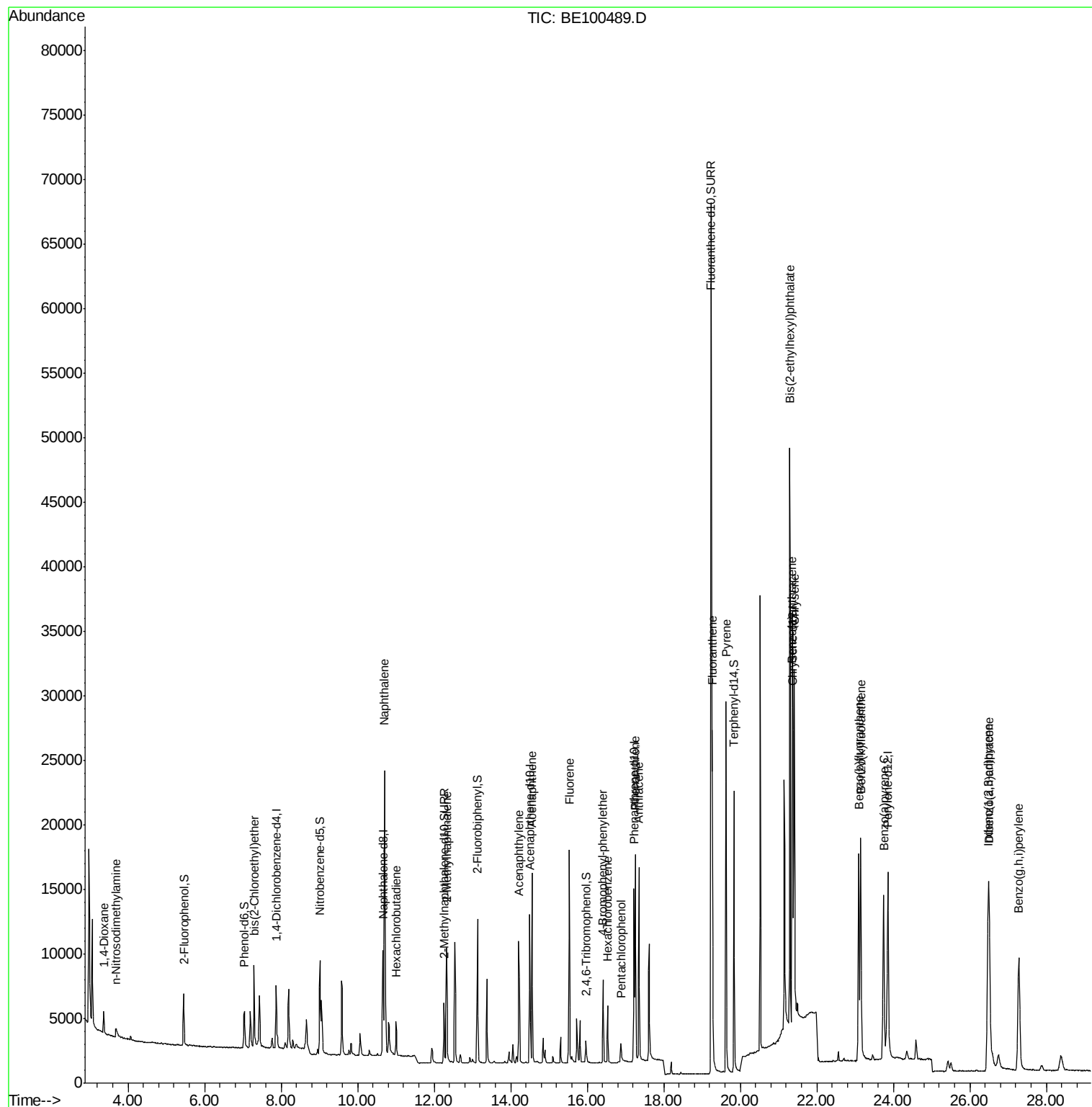
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	1357	0.346	ng	97
3) n-Nitrosodimethylamine	3.68	42	661	0.307	ng	# 86
6) bis(2-Chloroethyl)ether	7.30	93	2841	0.404	ng	95
9) Naphthalene	10.71	128	38326	0.393	ng	100
10) Hexachlorobutadiene	11.00	225	1875	0.402	ng	99
12) 2-Methylnaphthalene	12.32	142	6749	0.385	ng	99
16) Acenaphthylene	14.21	152	11979	0.377	ng	100
17) Acenaphthene	14.56	154	7325	0.383	ng	99
18) Fluorene	15.53	166	9816	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	3312	0.375	ng	# 73
21) Hexachlorobenzene	16.53	284	3486	0.383	ng	99
22) Pentachlorophenol	16.88	266	1325	0.427	ng	98
23) Phenanthrene	17.26	178	17227	0.379	ng	99
24) Anthracene	17.35	178	16161	0.373	ng	99
26) Fluoranthene	19.27	202	24810	0.378	ng	99
28) Pyrene	19.63	202	25796	0.394	ng	100
30) Benzo(a)anthracene	21.35	228	25059	0.391	ng	97
31) Chrysene	21.41	228	24745	0.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	57284	0.389	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	26523	0.385	ng	98
35) Benzo(b)fluoranthene	23.10	252	23945	0.388	ng	# 97
36) Benzo(k)fluoranthene	23.15	252	25878	0.400	ng	99
37) Benzo(a)pyrene	23.74	252	23438	0.391	ng	# 96
38) Dibenzo(a,h)anthracene	26.51	278	21919	0.387	ng	95
39) Benzo(g,h,i)perylene	27.28	276	22603	0.390	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: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

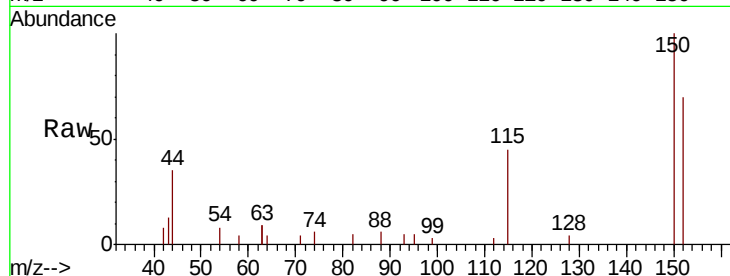
Tot Ion:152 Resp: 2351

Ion Ratio Lower Upper

152 100

150 143.4 115.0 172.6

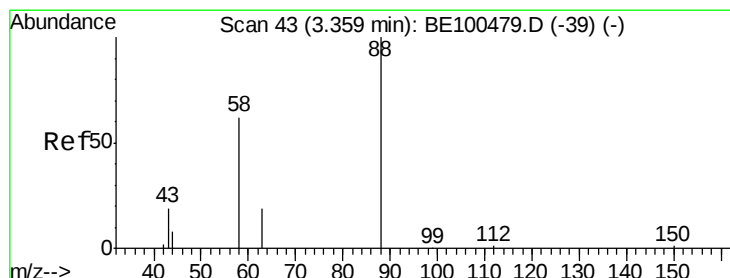
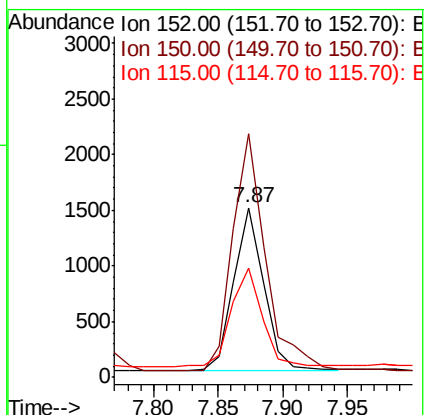
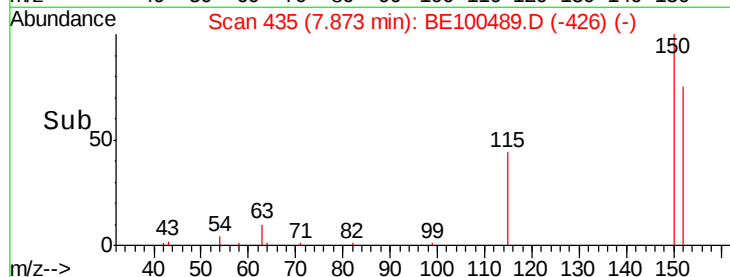
115 64.4 52.9 79.3



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: 0.346 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

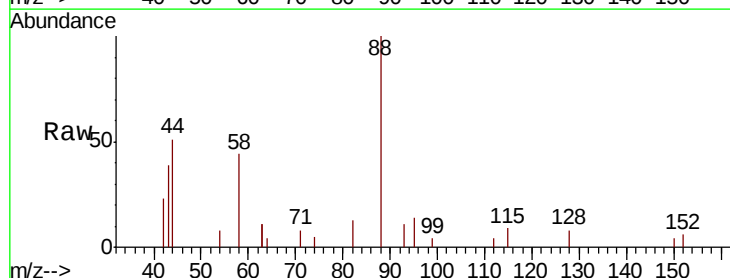
Tgt Ion: 88 Resp: 1357

Ion Ratio Lower Upper

88 100

58 69.6 53.2 79.8

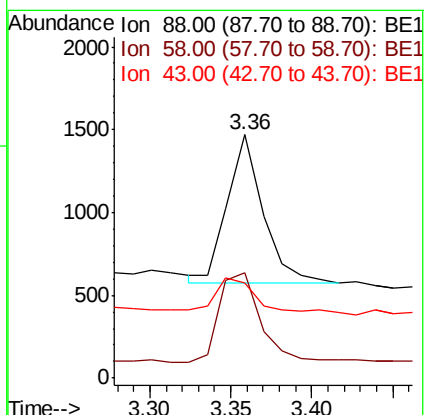
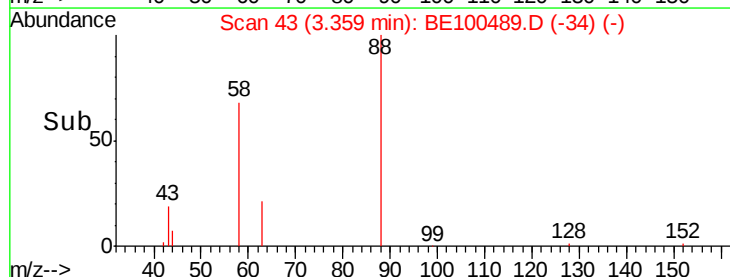
43 26.3 20.8 31.2

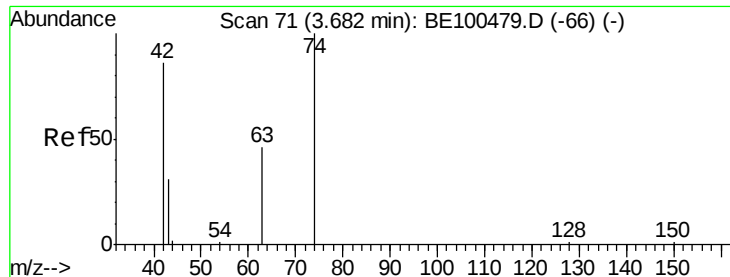


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.307 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

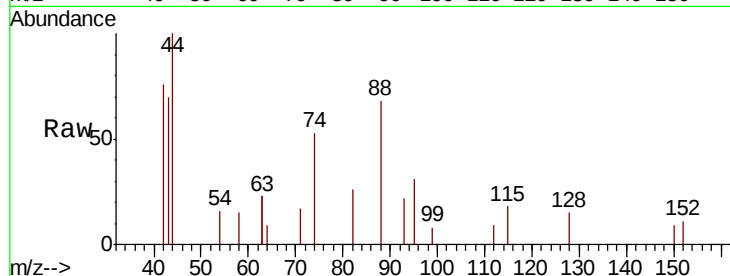
Tot Ion: 42 Resp: 661

Ion Ratio Lower Upper

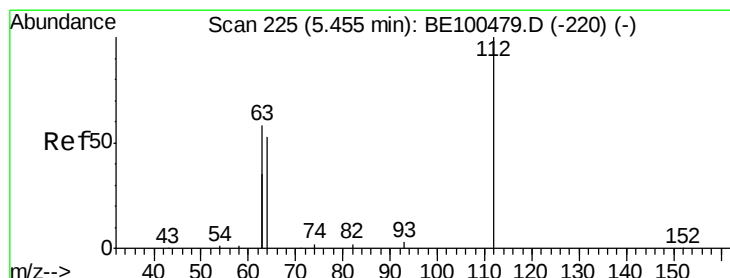
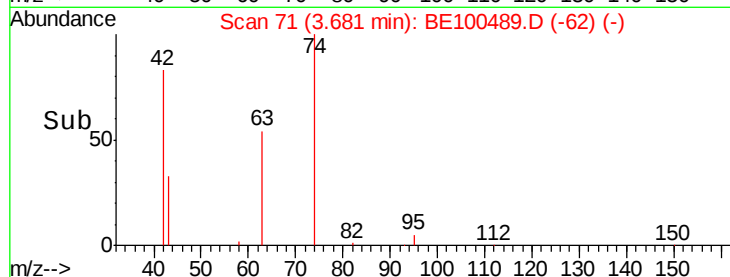
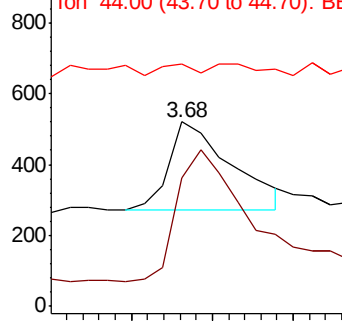
42 100

74 0.0 0.0 0.0

44 6.7 9.6 14.4#



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: 0.404 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

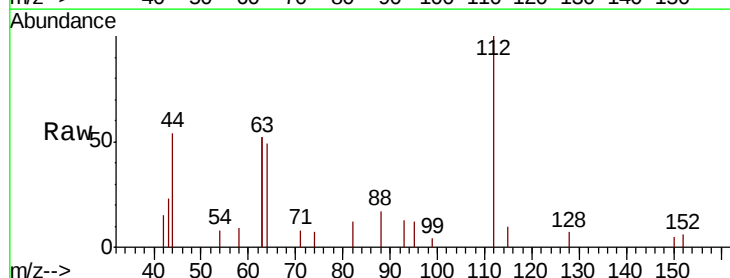
Tgt Ion: 112 Resp: 2316

Ion Ratio Lower Upper

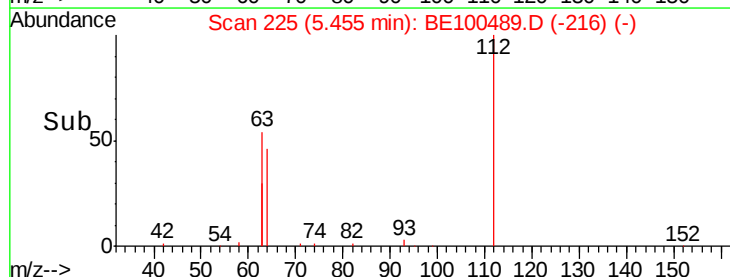
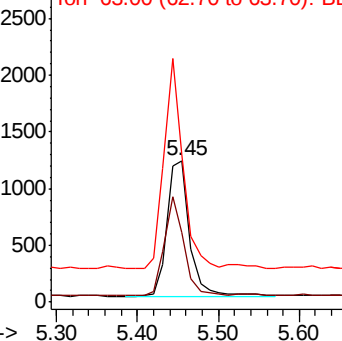
112 100

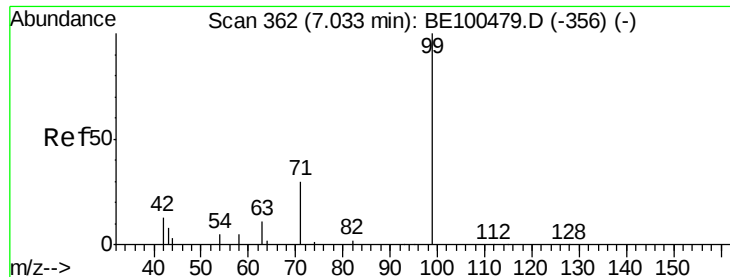
64 61.9 54.1 81.1

63 131.7 104.6 157.0



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.398 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

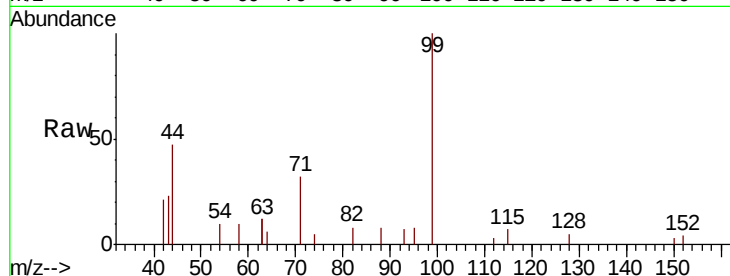
Tot Ion: 99 Resp: 3263

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

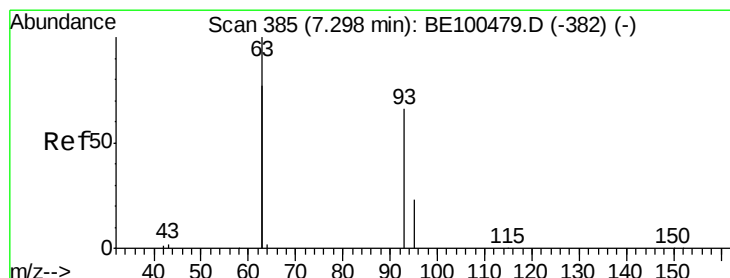
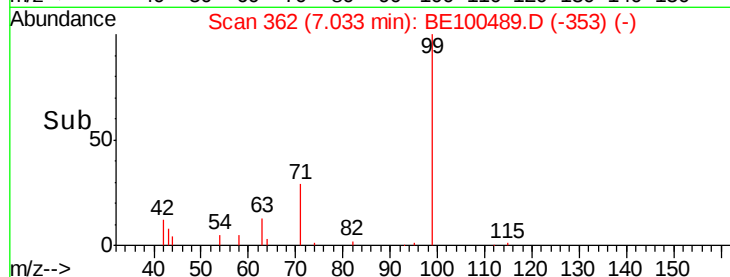
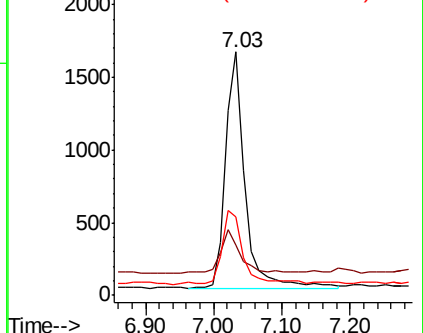
71 32.9 26.4 39.6



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: 0.404 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

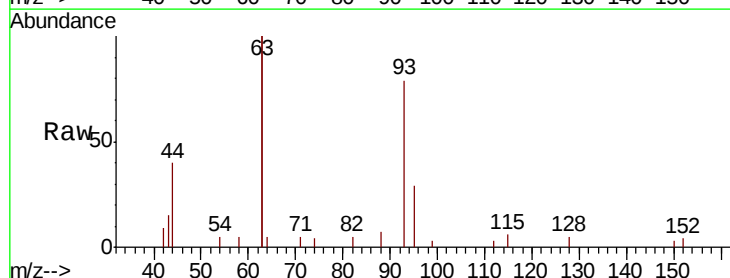
Tgt Ion: 93 Resp: 2841

Ion Ratio Lower Upper

93 100

63 299.2 248.3 372.5

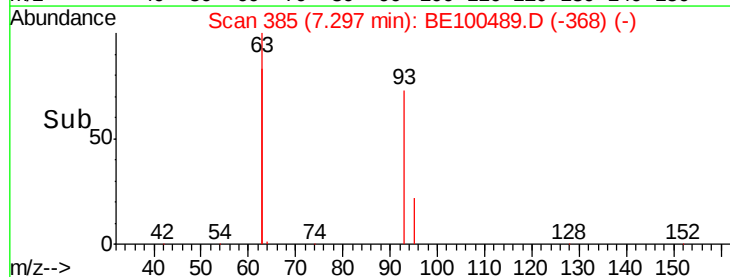
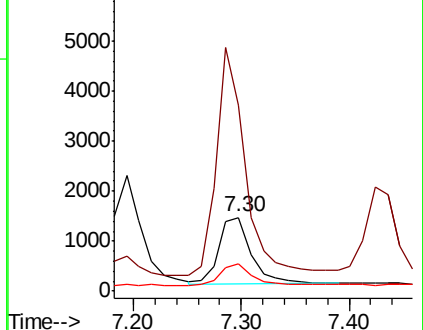
95 30.4 25.4 38.0

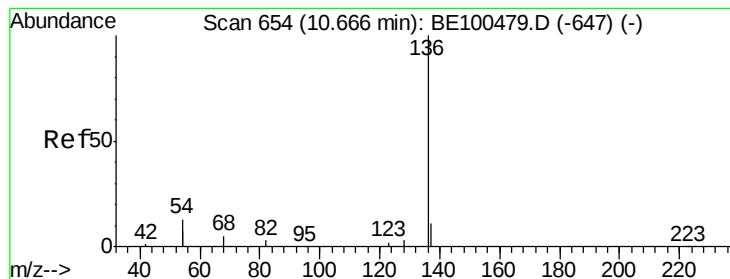


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10158

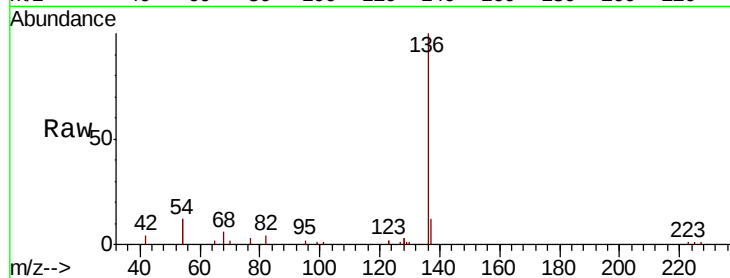
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.6

54 23.6 20.6 31.0

68 5.6 5.3 7.9

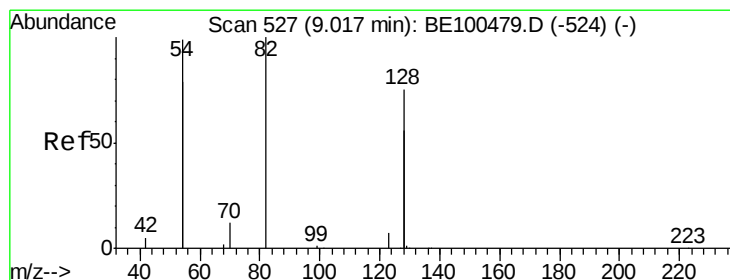
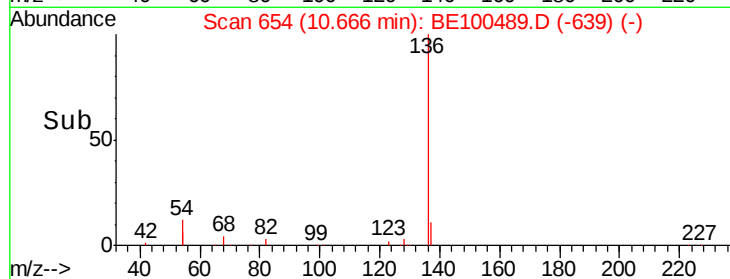
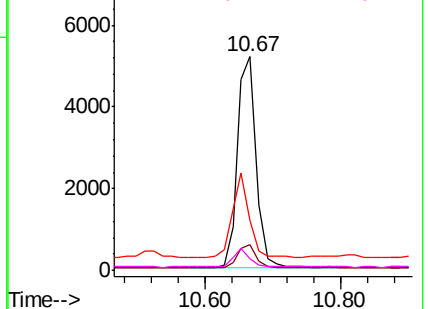


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

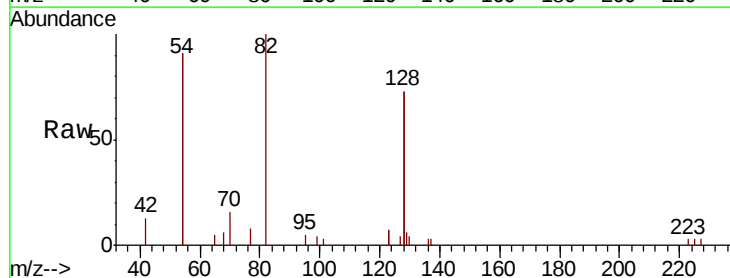
Tgt Ion: 82 Resp: 3224

Ion Ratio Lower Upper

82 100

128 146.9 113.6 170.4

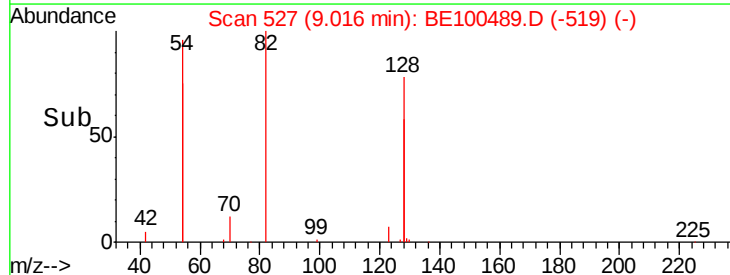
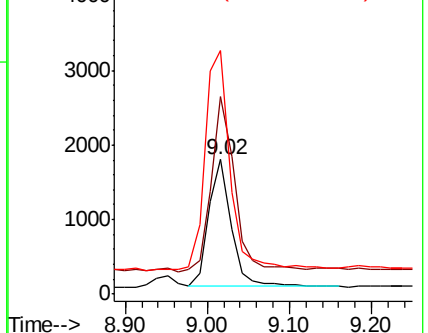
54 181.5 150.6 226.0

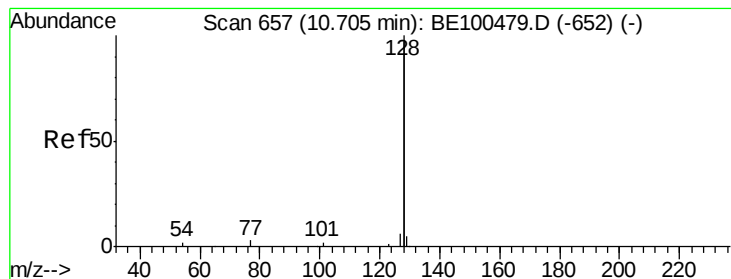


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.393 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

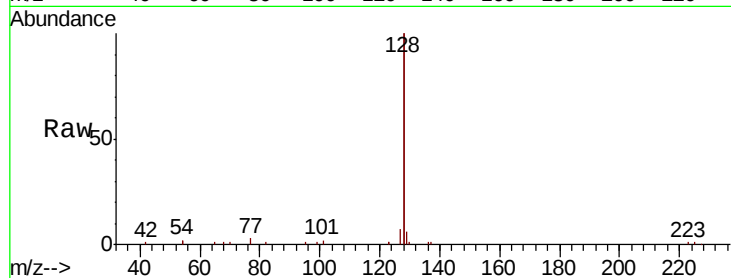
Tot Ion:128 Resp: 38326

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

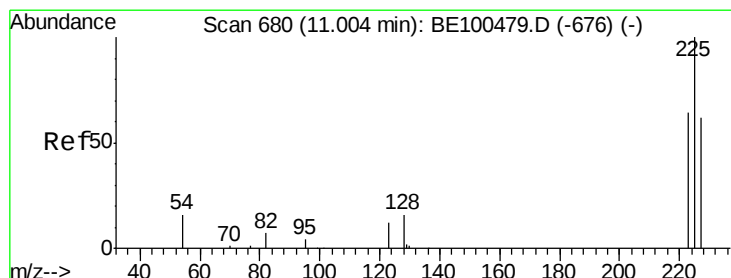
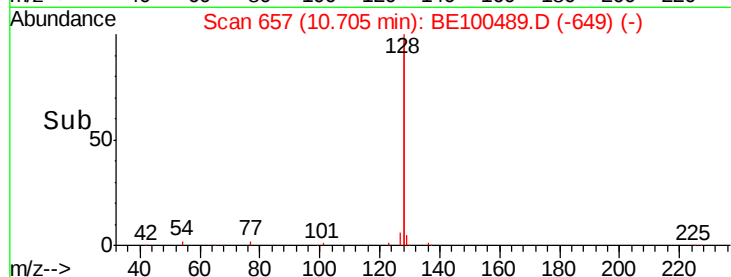
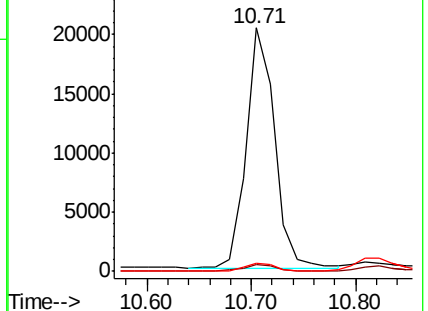
127 3.5 2.7 4.1



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: 0.402 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

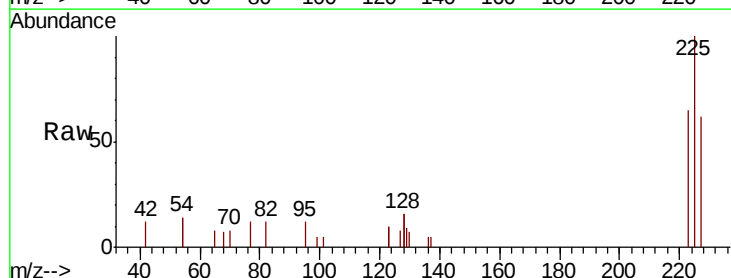
Tgt Ion:225 Resp: 1875

Ion Ratio Lower Upper

225 100

223 61.5 49.4 74.0

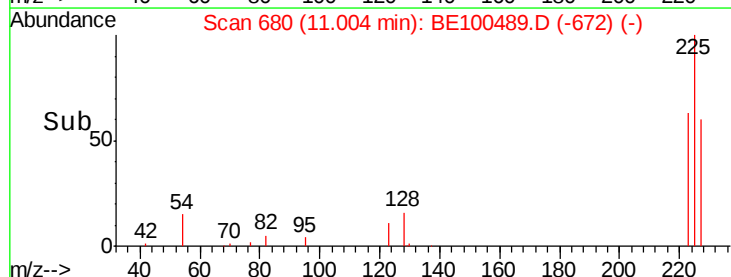
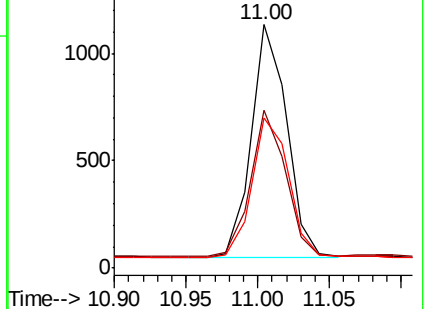
227 62.7 51.4 77.2

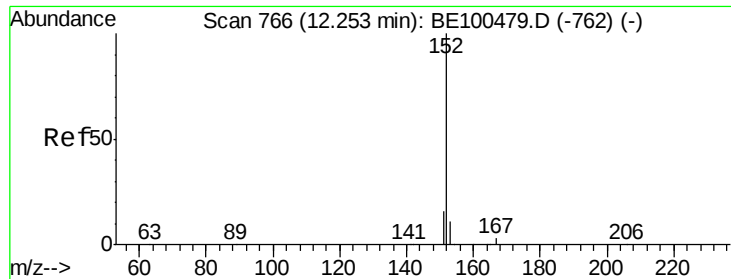


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

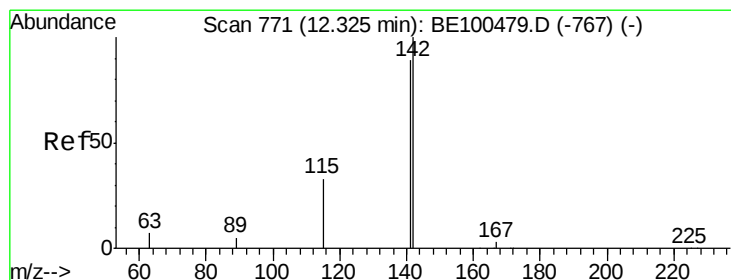
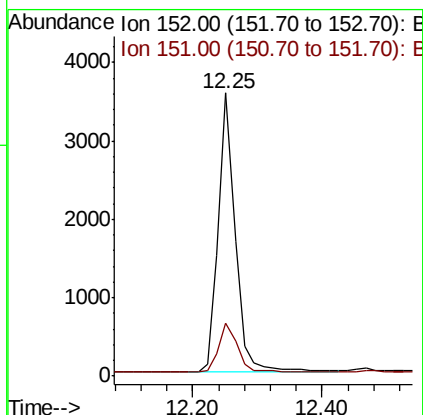
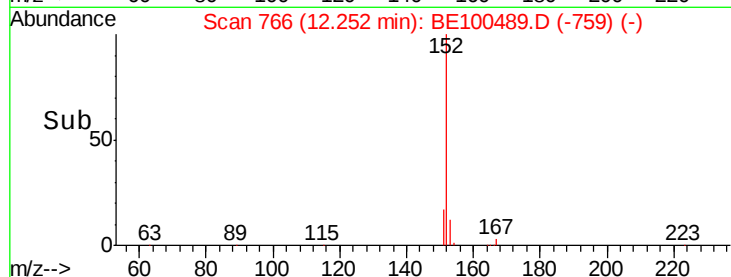
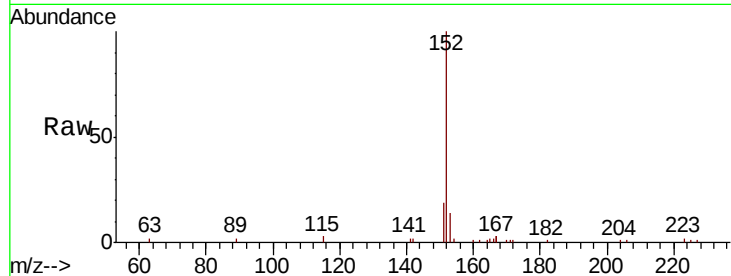




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100489.D
 Acq: 22 Jul 2019 21:18

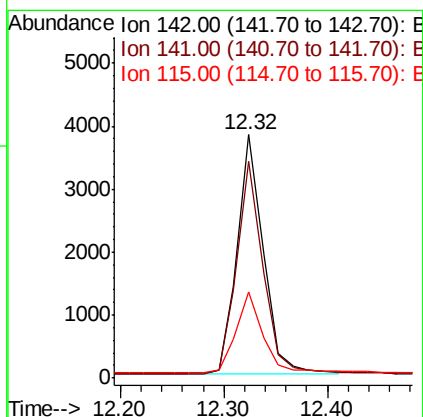
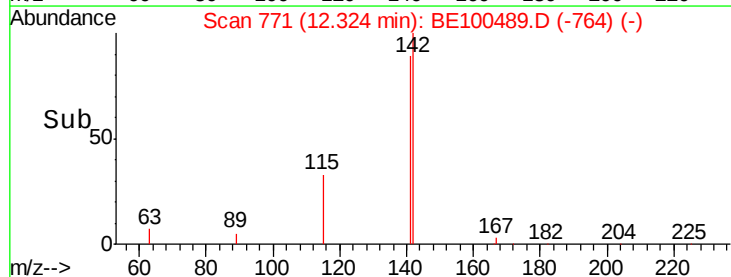
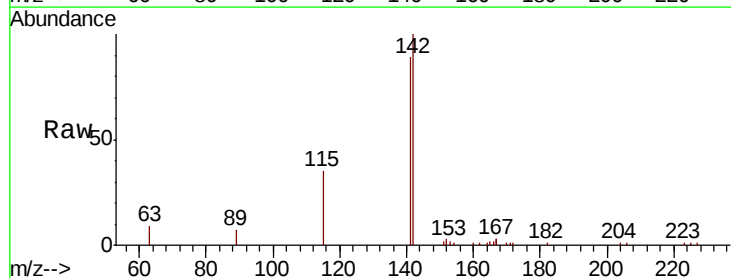
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

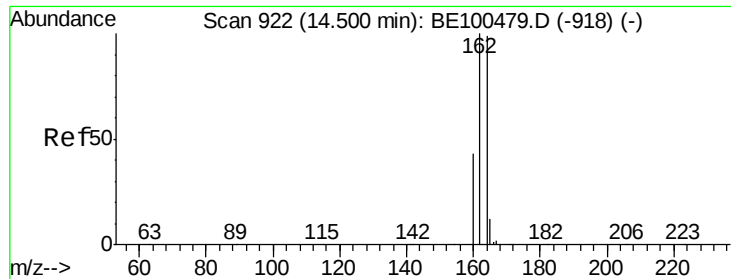
Tot Ion:152 Resp: 6470
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.385 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100489.D
 Acq: 22 Jul 2019 21:18

Tgt Ion:142 Resp: 6749
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.7 107.5
 115 35.3 27.8 41.6

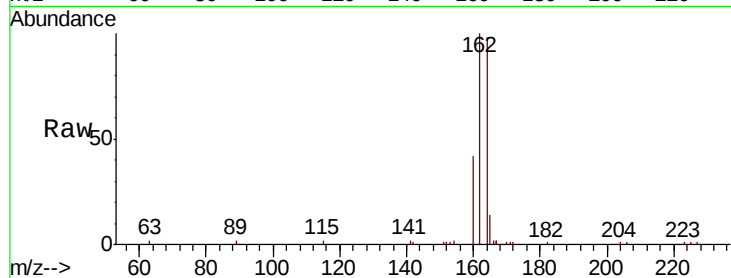




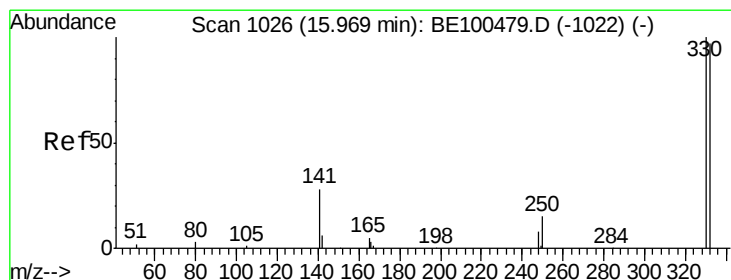
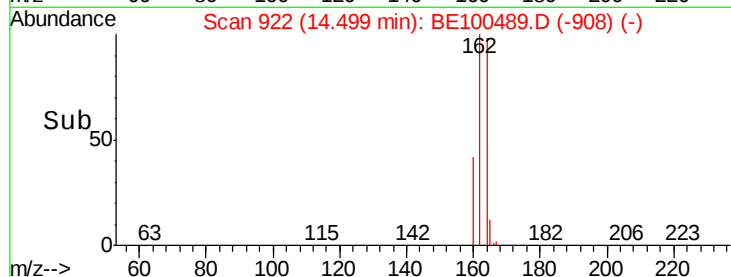
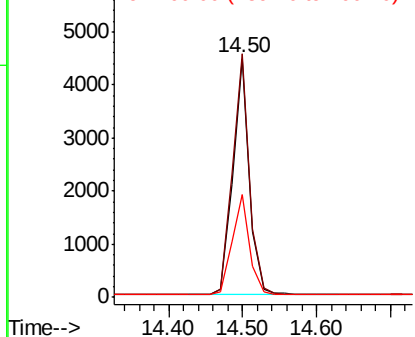
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 6875
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 43.3 34.9 52.3

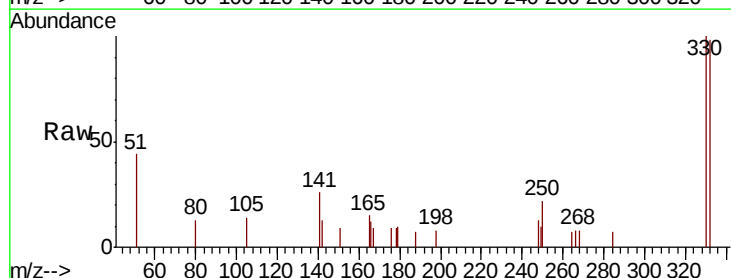


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

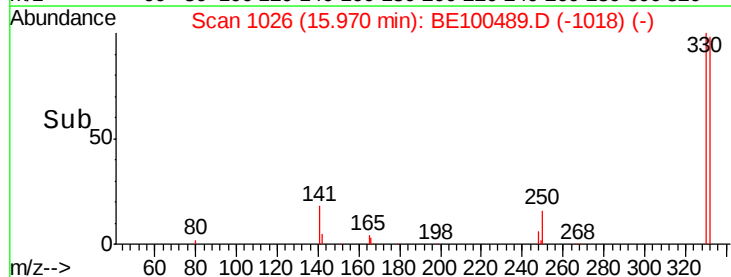
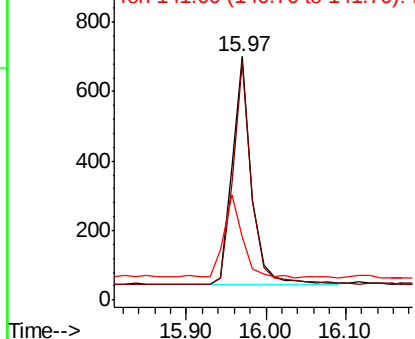


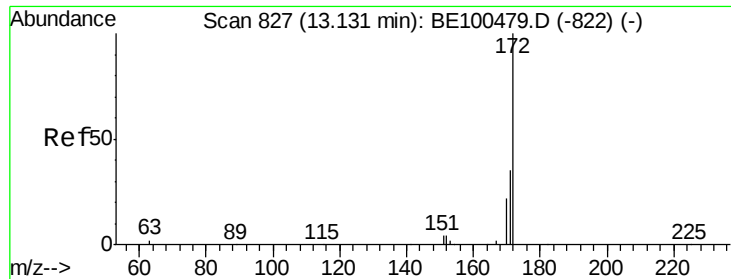
#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:330 Resp: 1107
Ion Ratio Lower Upper
330 100
332 96.7 80.5 120.7
141 36.2 29.9 44.9



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

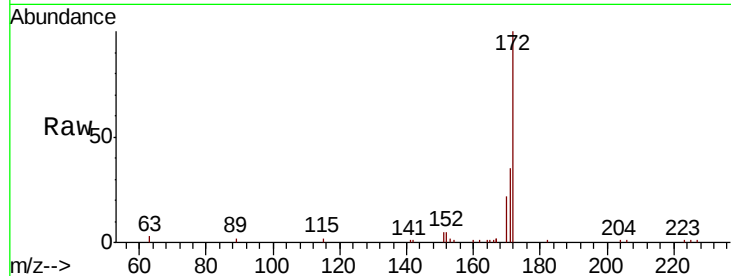




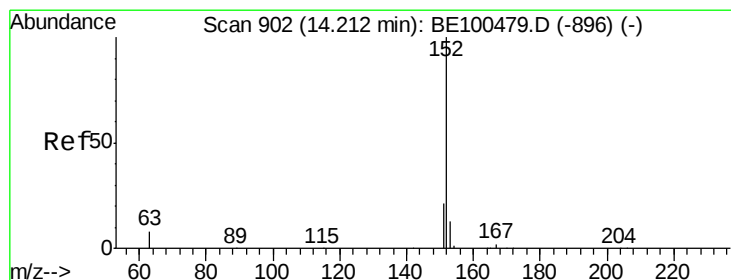
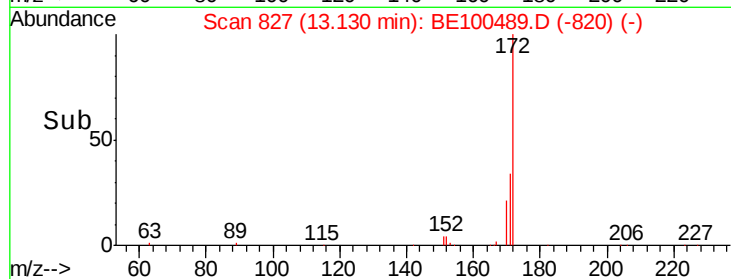
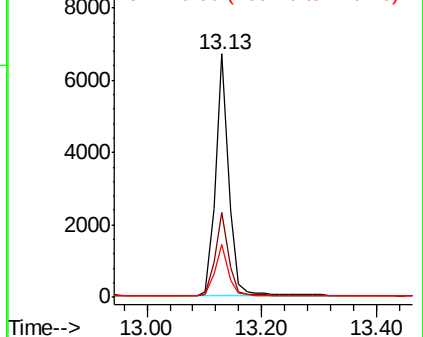
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 10633
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.0 17.8 26.8

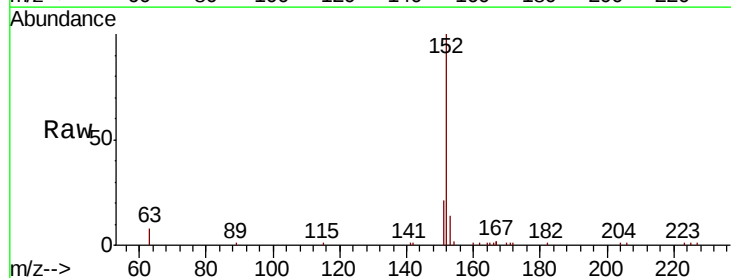


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

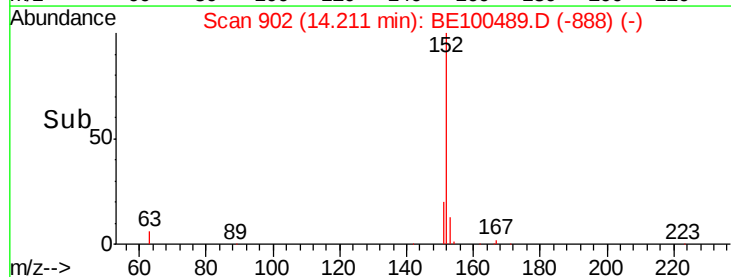
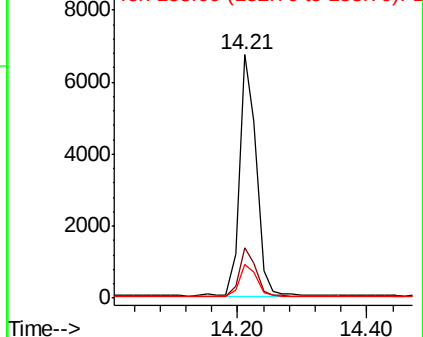


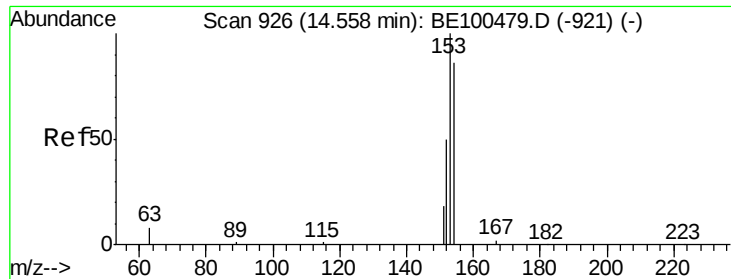
#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:152 Resp: 11979
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

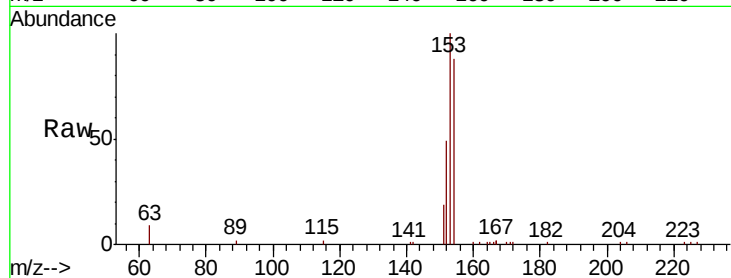
Tot Ion:154 Resp: 7325

Ion Ratio Lower Upper

154 100

153 113.4 90.8 136.2

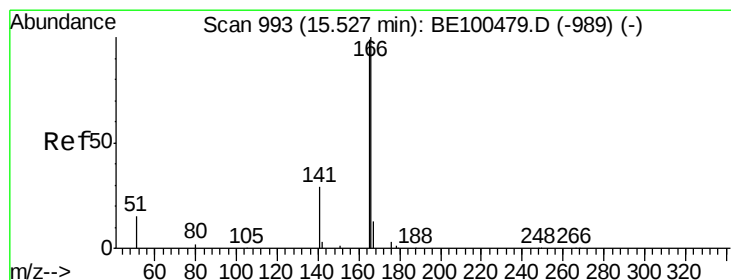
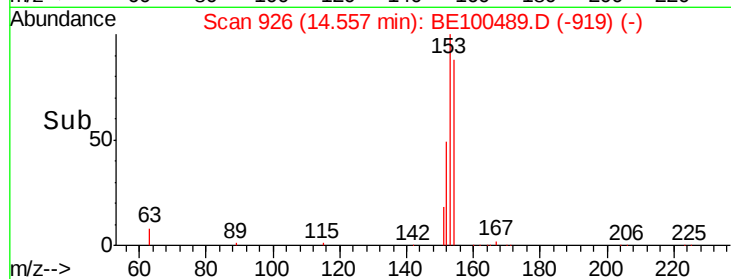
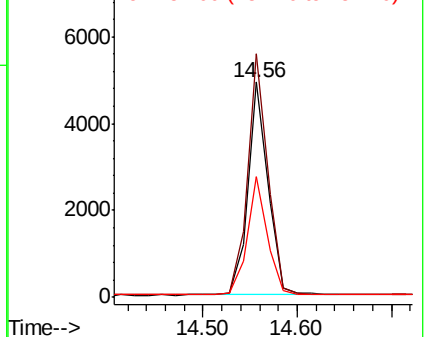
152 54.8 45.1 67.7



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: 0.385 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

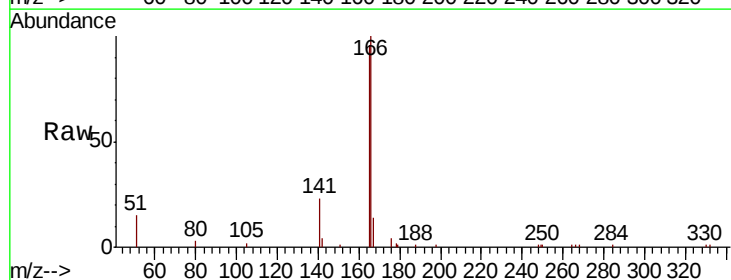
Tgt Ion:166 Resp: 9816

Ion Ratio Lower Upper

166 100

165 96.9 78.3 117.5

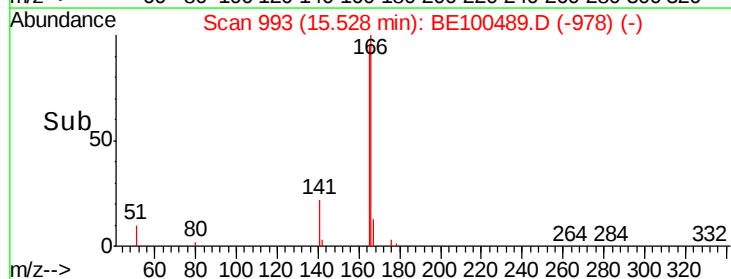
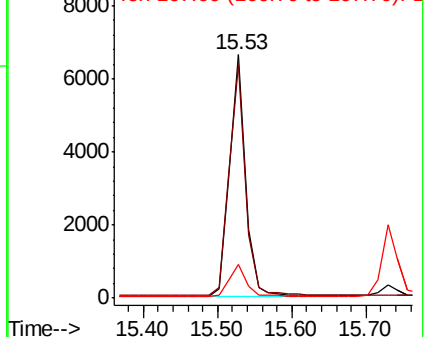
167 13.1 10.9 16.3

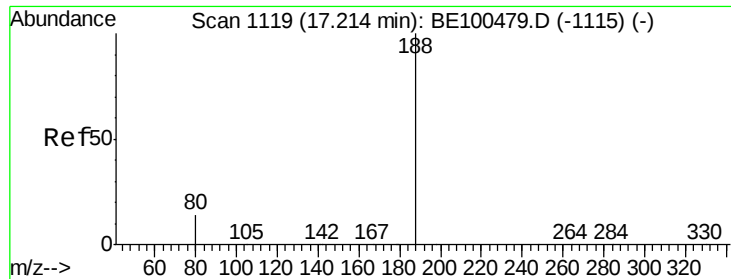


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

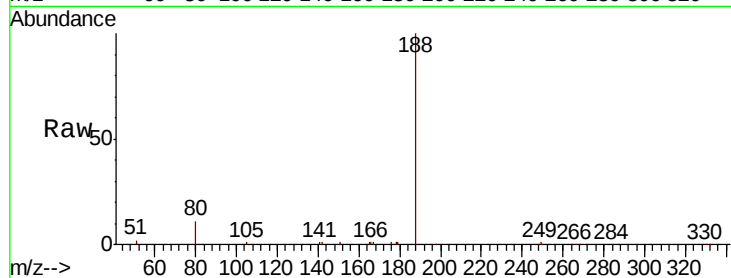
Tot Ion:188 Resp: 18572

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

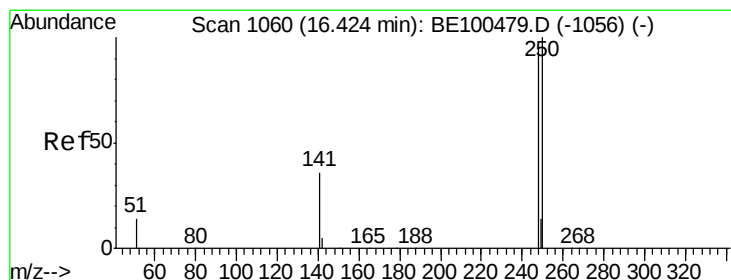
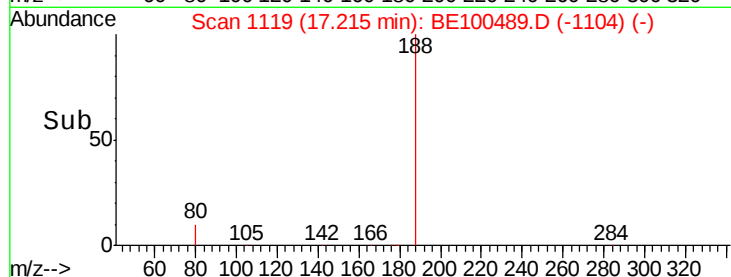
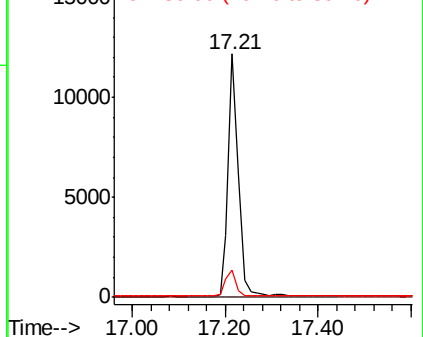
80 11.0 11.9 17.9#



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: 0.375 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

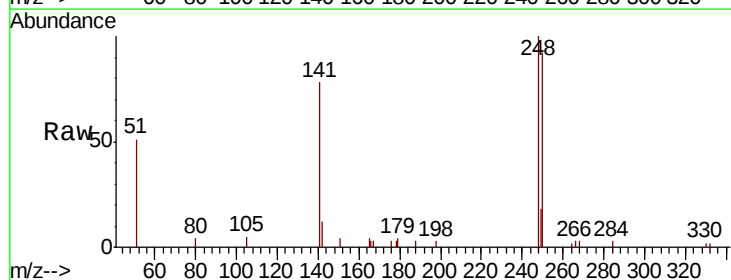
Tgt Ion:248 Resp: 3312

Ion Ratio Lower Upper

248 100

250 91.7 84.4 126.6

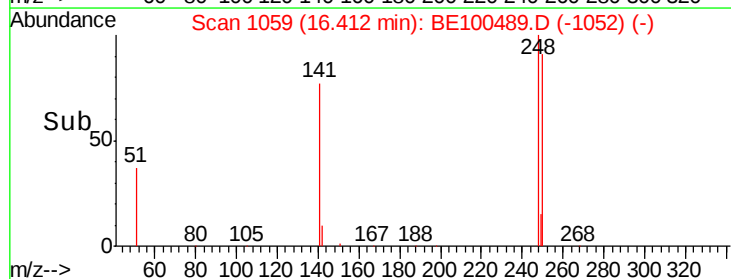
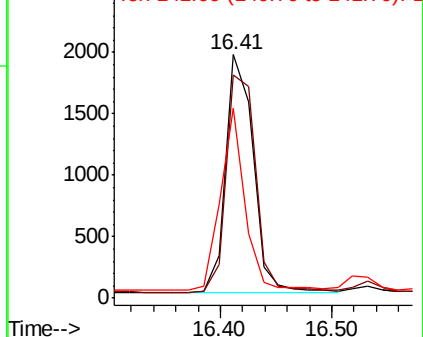
141 78.3 32.2 48.2#

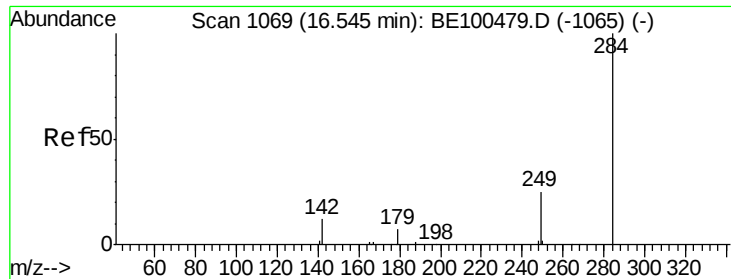


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

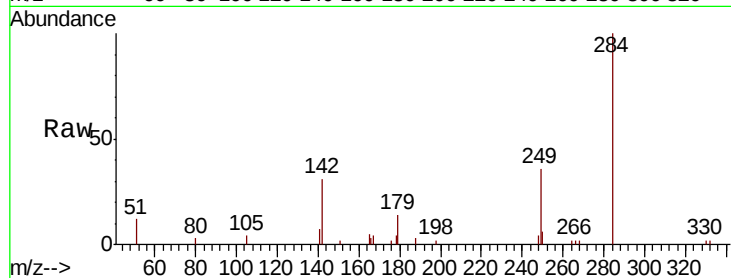




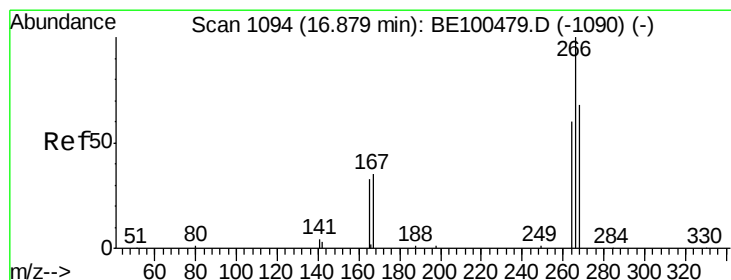
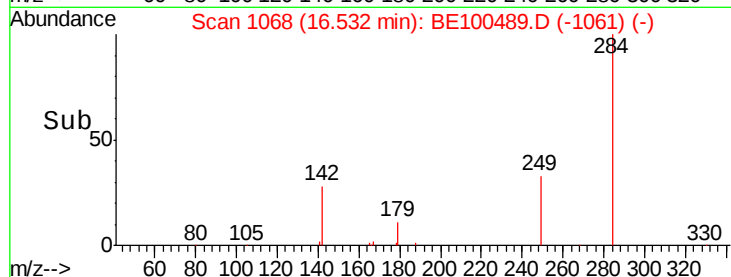
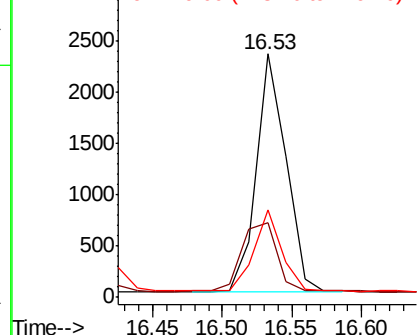
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 3486
Ion Ratio Lower Upper
284 100
142 33.4 26.7 40.1
249 31.8 25.0 37.4

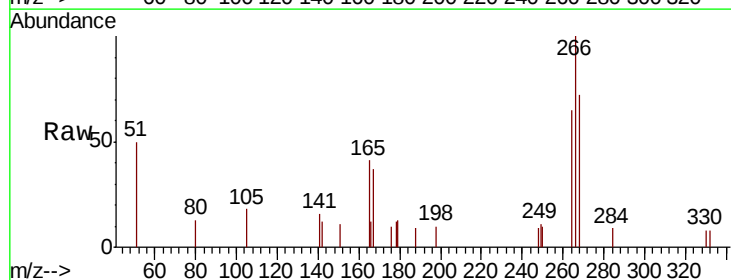


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

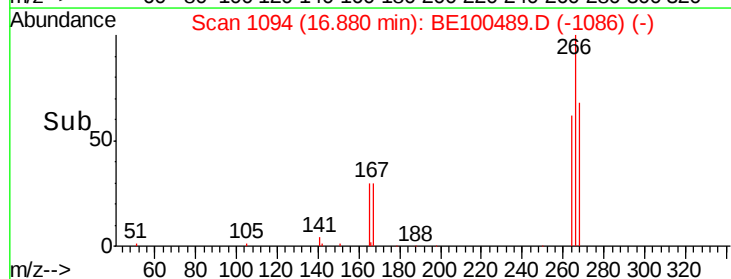
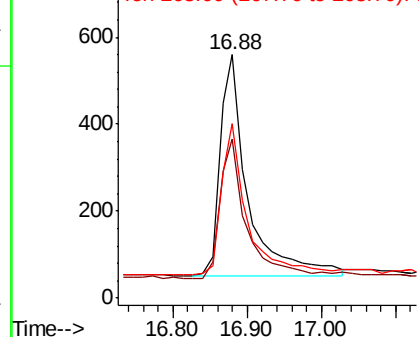


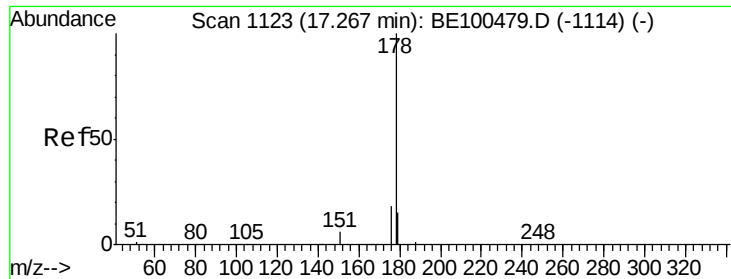
#22
Pentachlorophenol
Concen: 0.427 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:266 Resp: 1325
Ion Ratio Lower Upper
266 100
264 65.2 50.4 75.6
268 71.6 56.6 85.0



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: 0.379 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

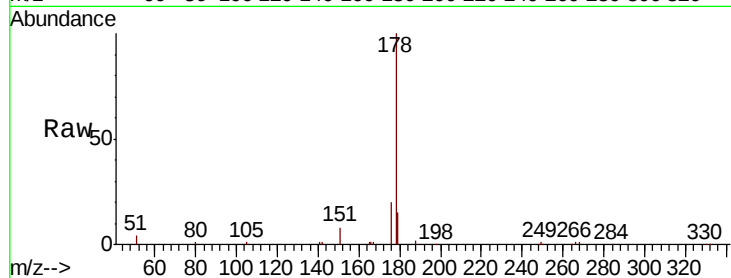
Tot Ion:178 Resp: 17227

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

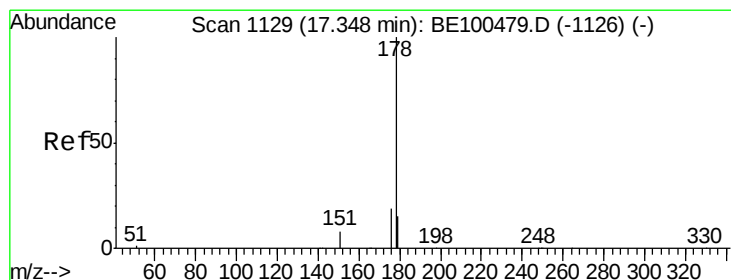
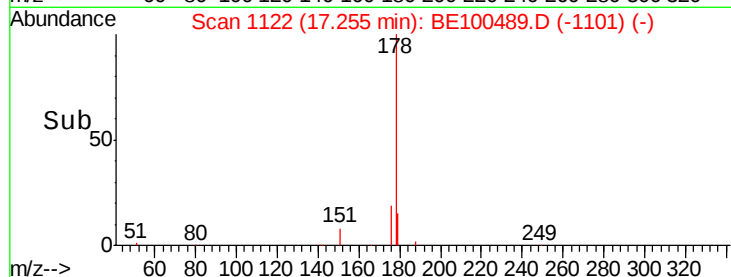
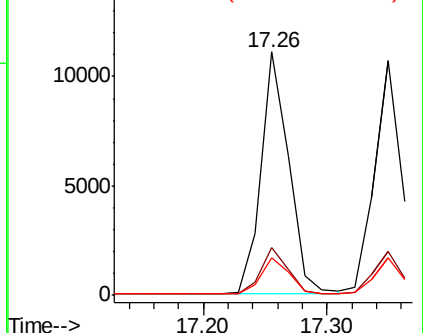
179 14.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.373 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

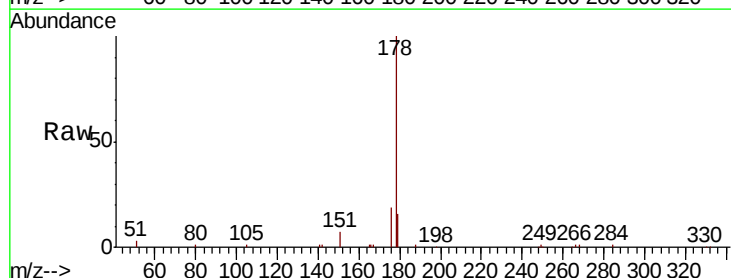
Tgt Ion:178 Resp: 16161

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

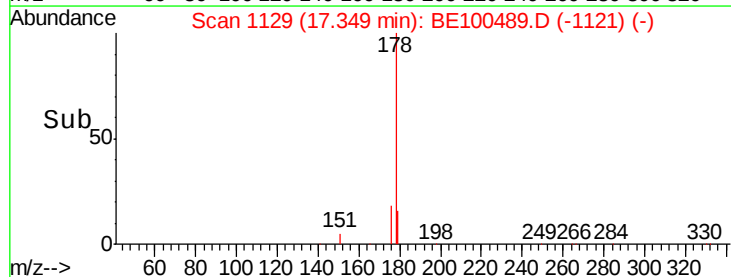
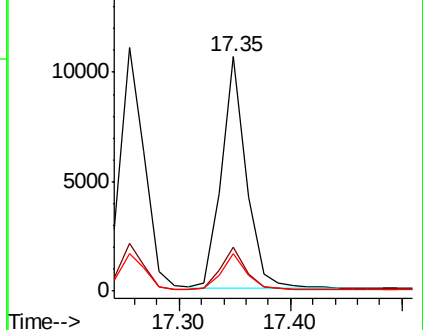
179 15.3 12.2 18.2

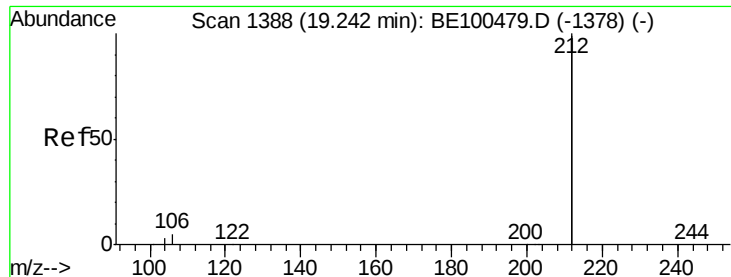


Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

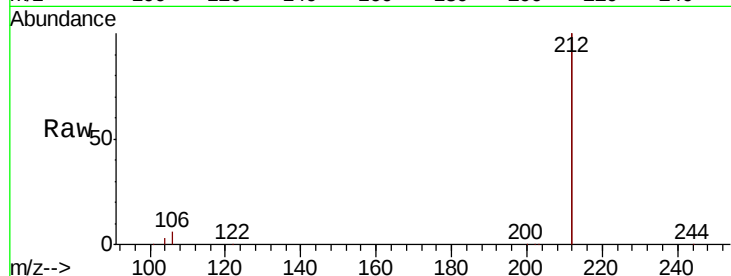
Tot Ion:212 Resp: 95416

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.4

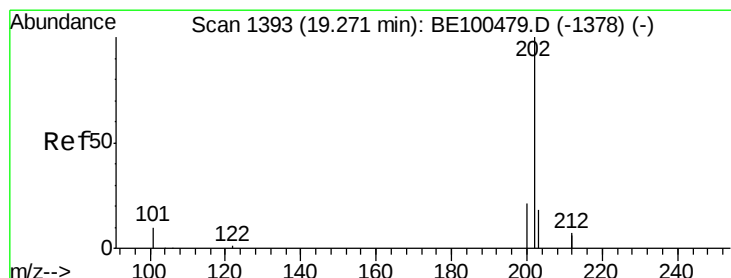
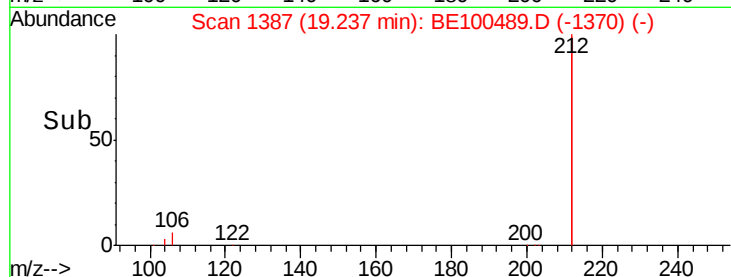
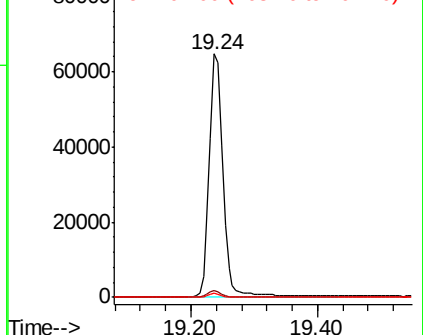
104 1.5 1.2 1.8



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: 0.378 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

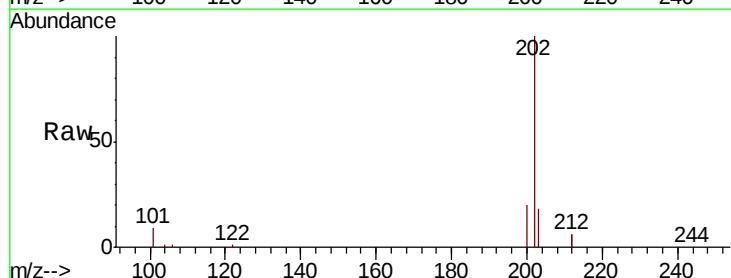
Tgt Ion:202 Resp: 24810

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

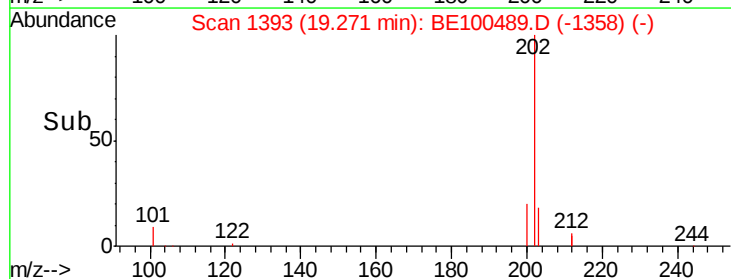
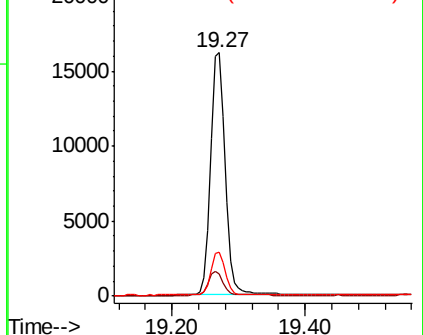
203 17.3 13.5 20.3

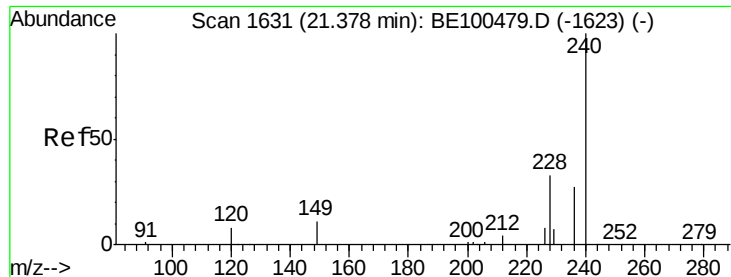


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

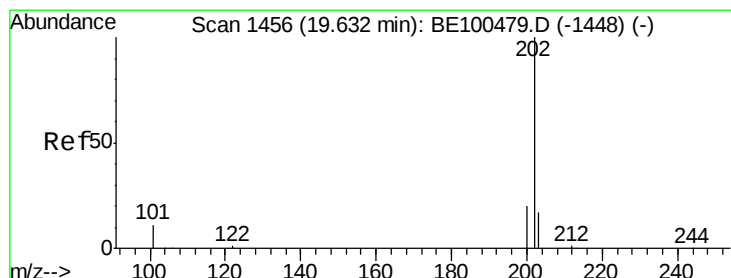
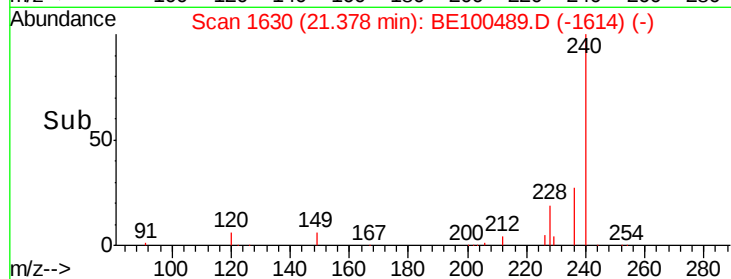
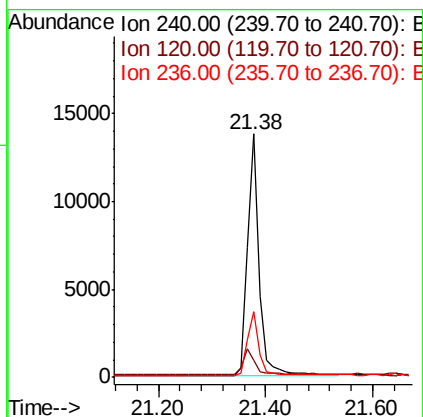
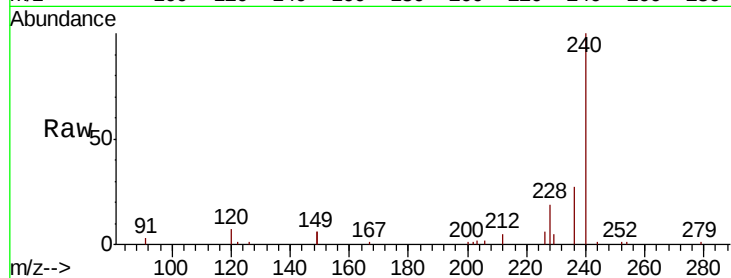




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

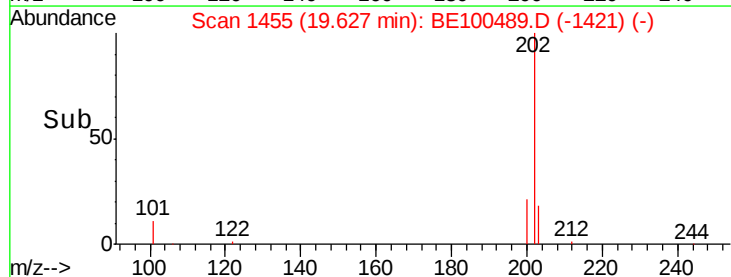
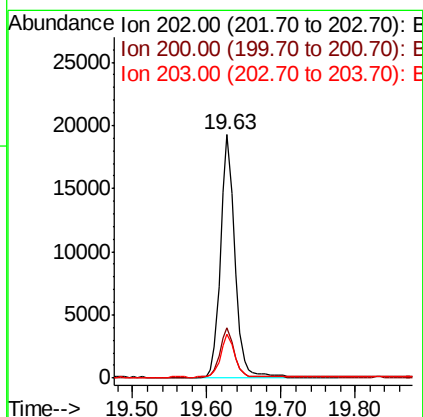
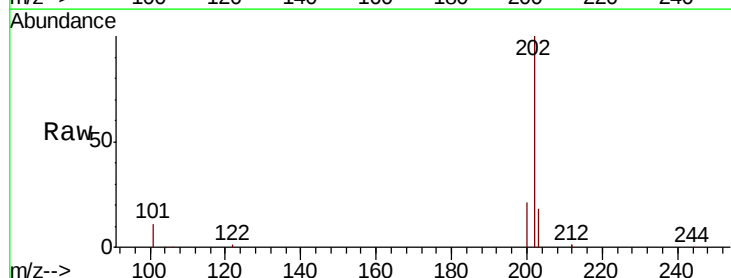
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

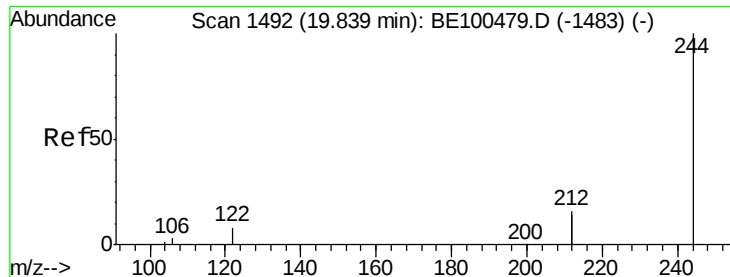
Tot Ion:240 Resp: 20988
Ion Ratio Lower Upper
240 100
120 7.0 8.2 12.2#
236 27.1 22.6 34.0



#28
Pyrene
Concen: 0.394 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:202 Resp: 25796
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

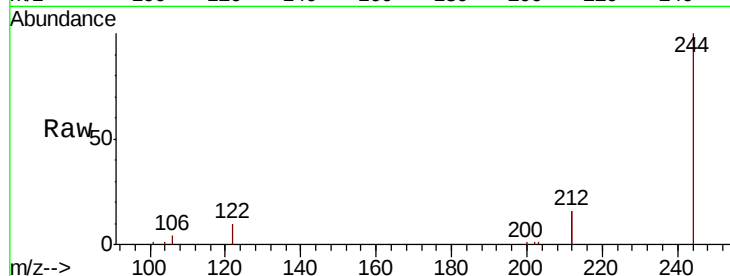
Tot Ion:244 Resp: 20313

Ion Ratio Lower Upper

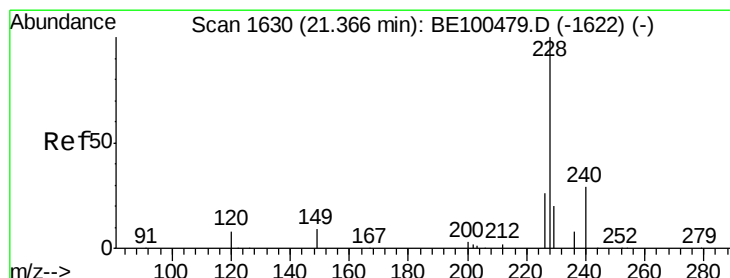
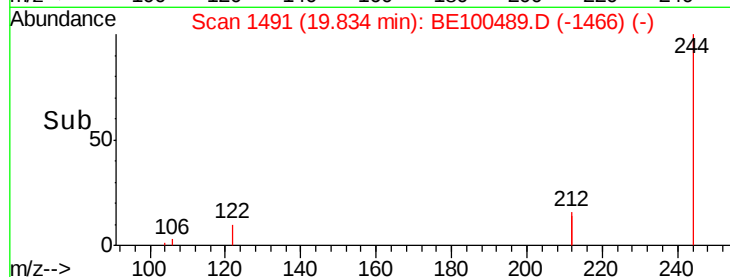
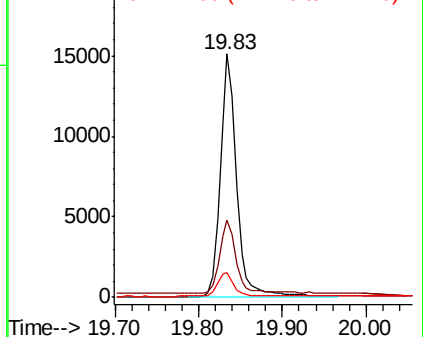
244 100

212 31.9 25.6 38.4

122 9.9 7.2 10.8



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: 0.391 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

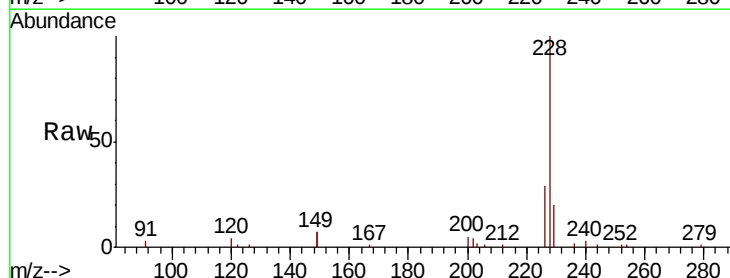
Tgt Ion:228 Resp: 25059

Ion Ratio Lower Upper

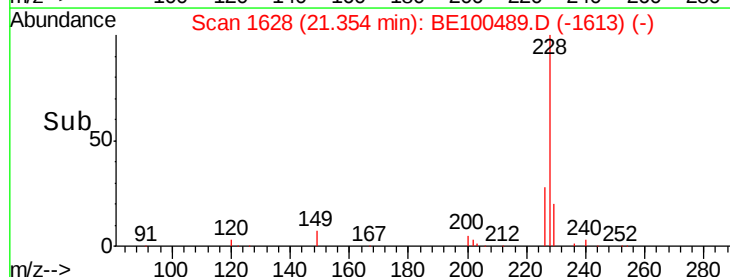
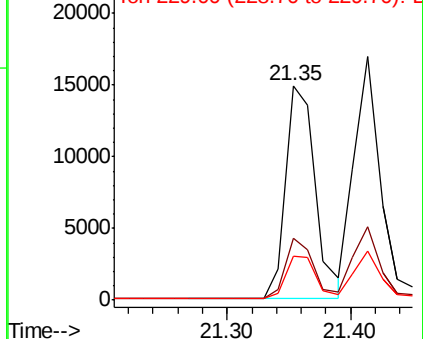
228 100

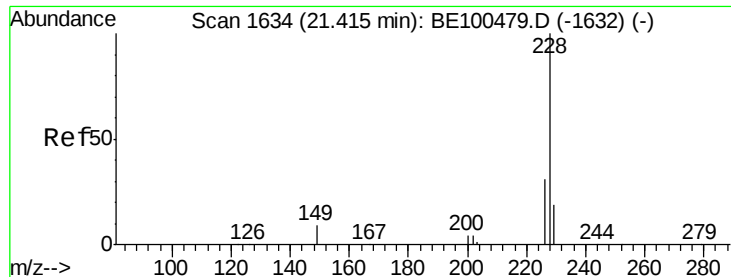
226 28.9 21.4 32.2

229 20.3 17.3 25.9



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: 0.391 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

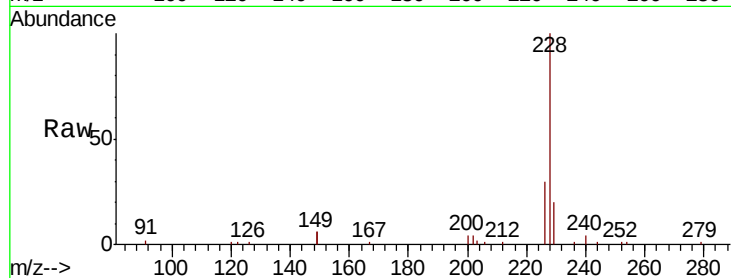
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 24745

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.3	16.7	25.1

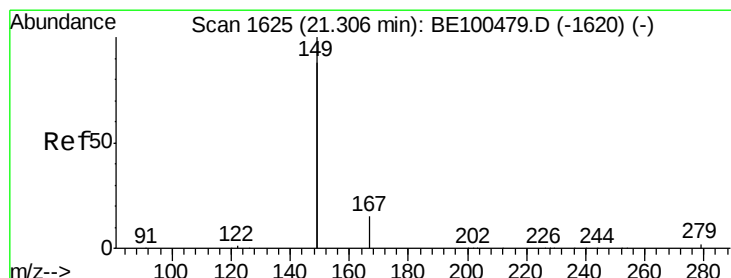
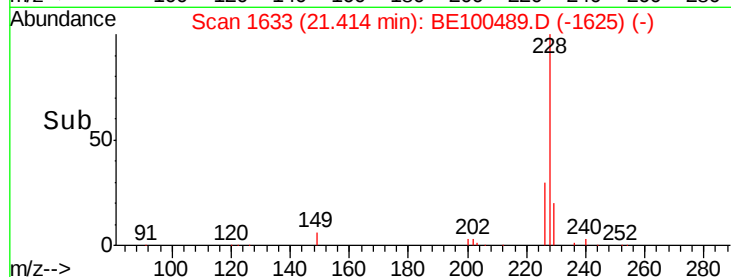
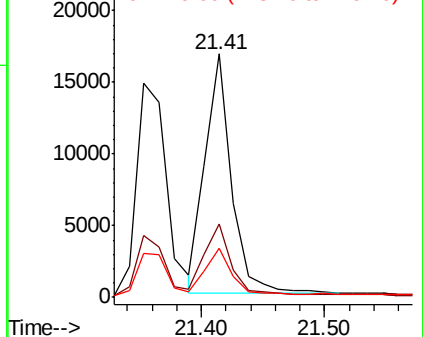


Abundance

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: 0.389 ng

RT: 21.29 min Scan# 1623

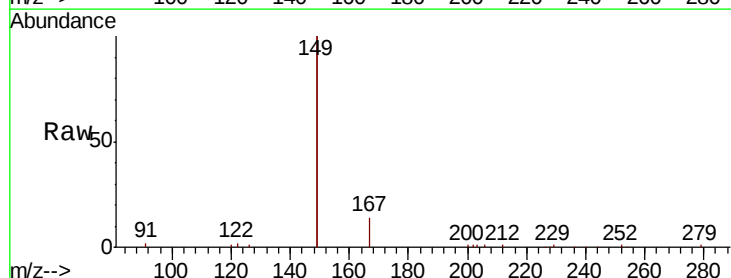
Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Tgt Ion:149 Resp: 57284

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.1	1.0	1.6

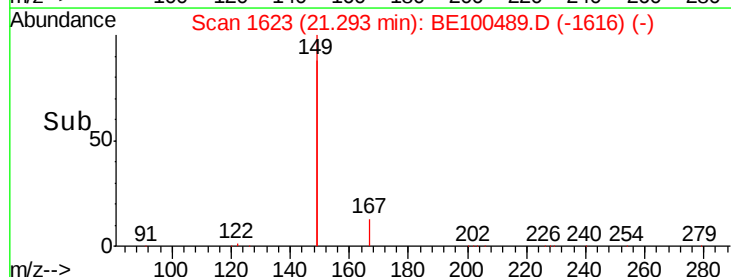
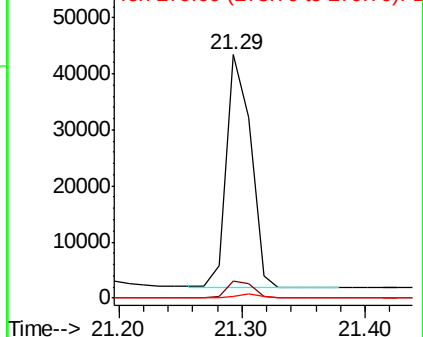


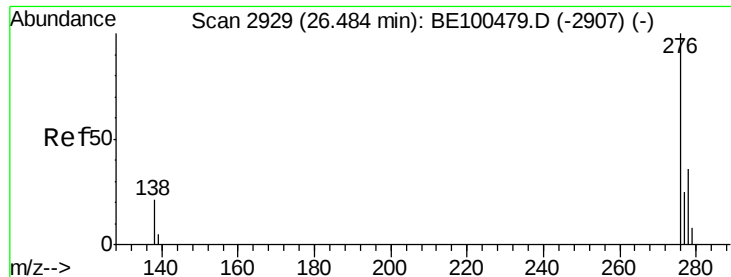
Abundance

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

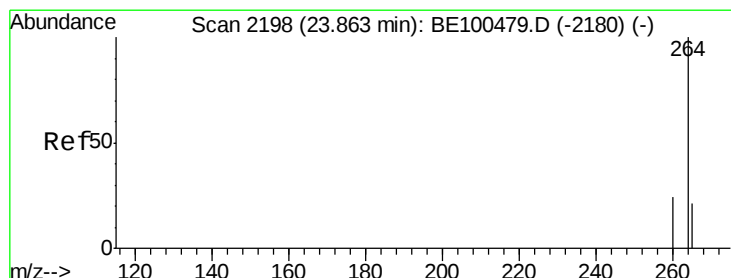
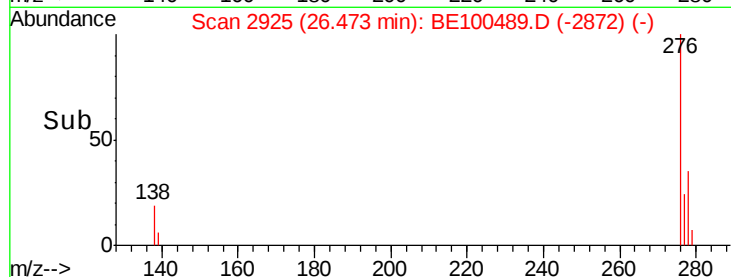
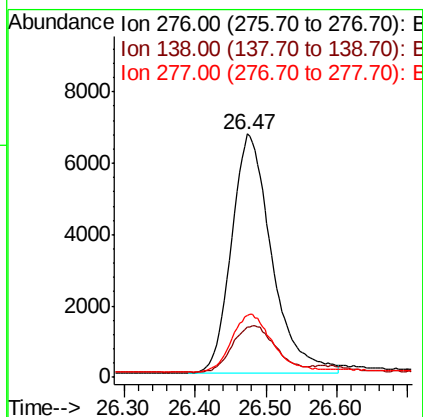
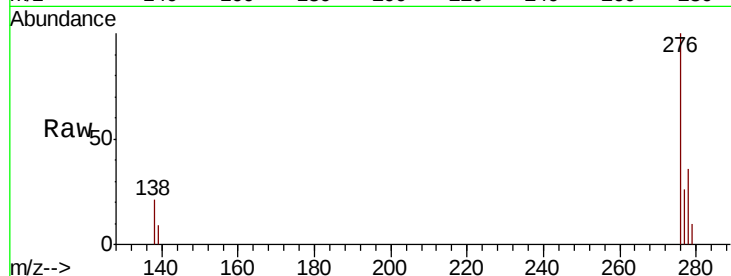




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.385 ng
 RT: 26.47 min Scan# 2925
 Delta R.T. -0.01 min
 Lab File: BE100489.D
 Acq: 22 Jul 2019 21:18

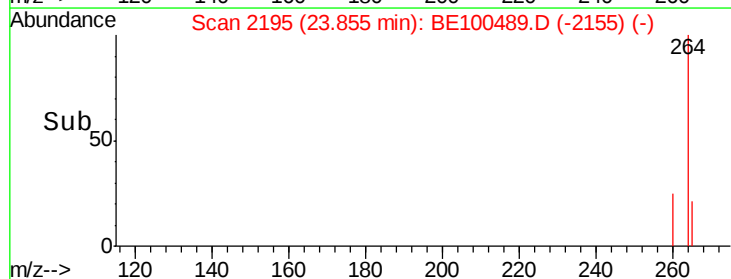
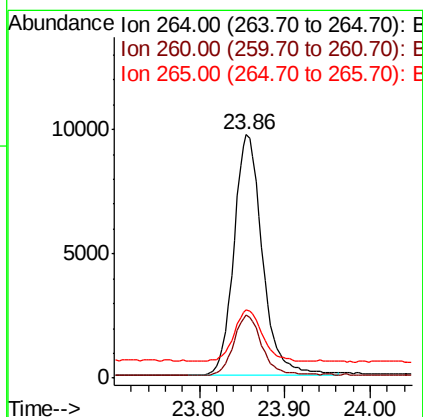
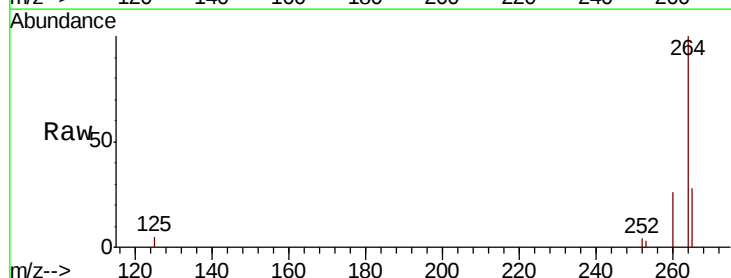
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

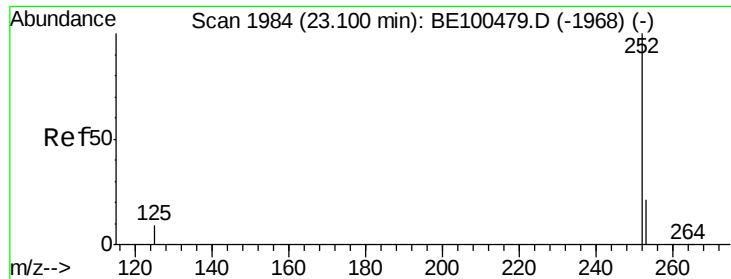
Tot Ion:276 Resp: 26523
 Ion Ratio Lower Upper
 276 100
 138 21.3 16.6 25.0
 277 24.9 19.1 28.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BE100489.D
 Acq: 22 Jul 2019 21:18

Tgt Ion:264 Resp: 22527
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 27.9 23.4 35.2

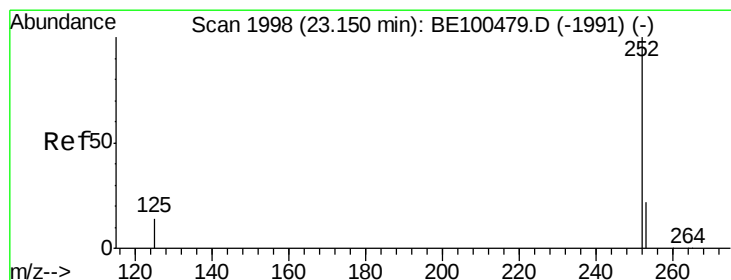
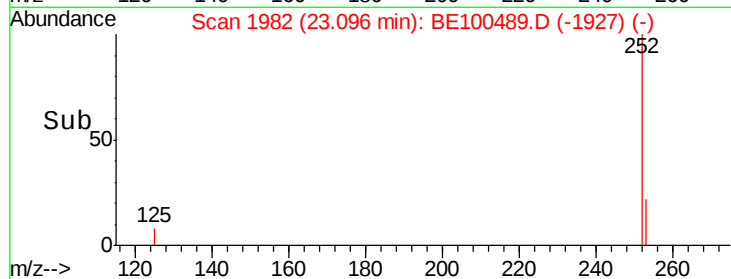
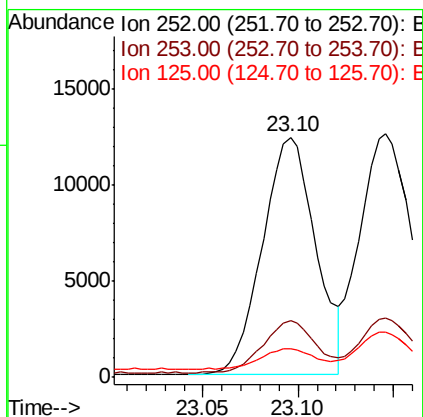
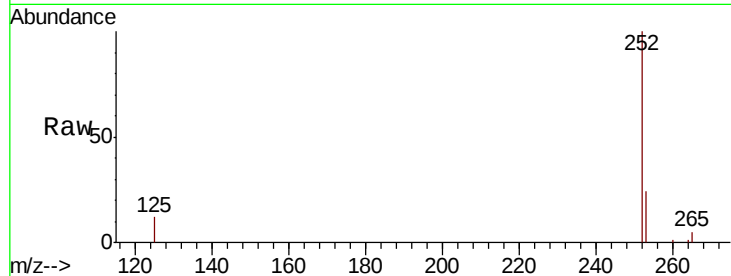




#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

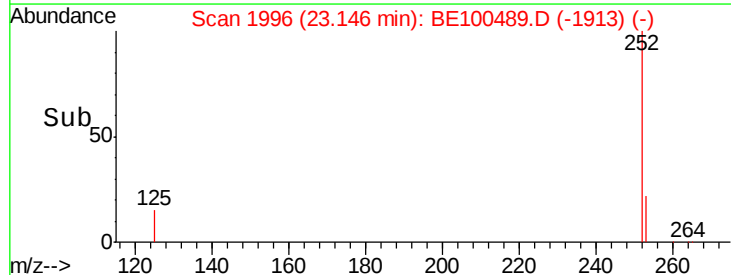
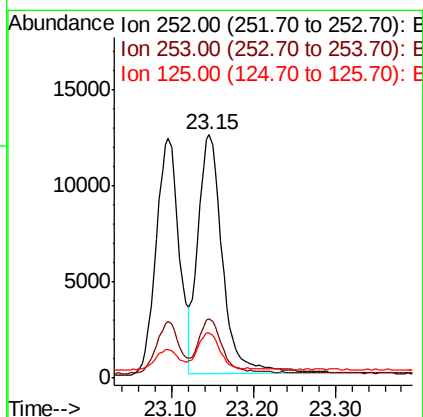
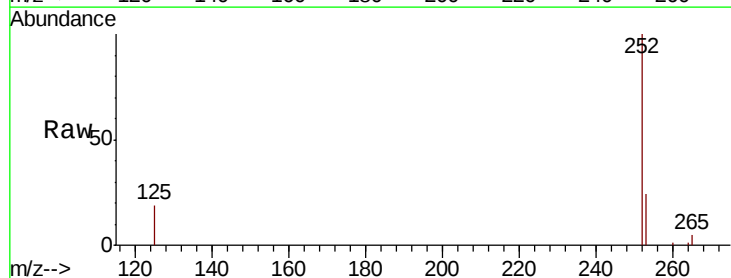
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

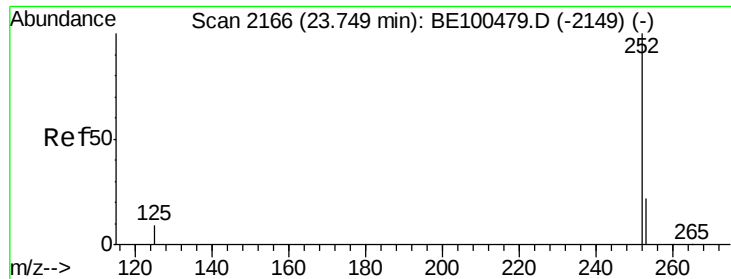
Tot Ion:252 Resp: 23945
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 11.8 11.9 17.9#



#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:252 Resp: 25878
Ion Ratio Lower Upper
252 100
253 24.1 19.7 29.5
125 18.7 15.2 22.8





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

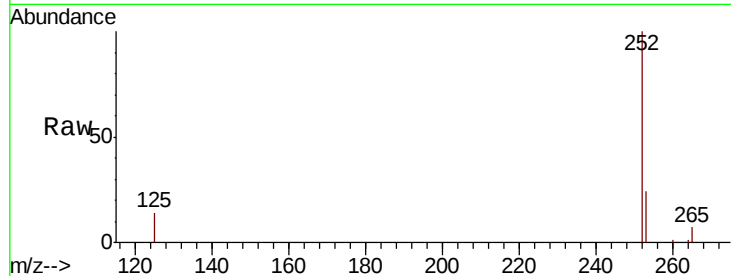
Tot Ion:252 Resp: 23438

Ion Ratio Lower Upper

252 100

253 24.1 20.0 30.0

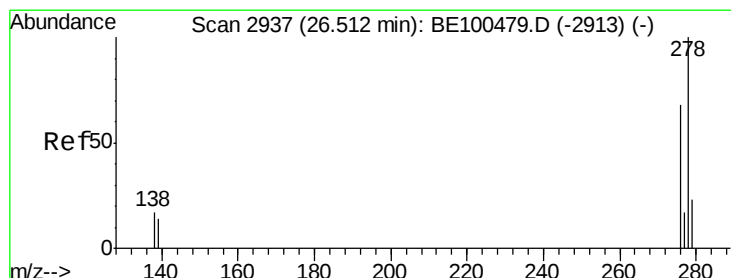
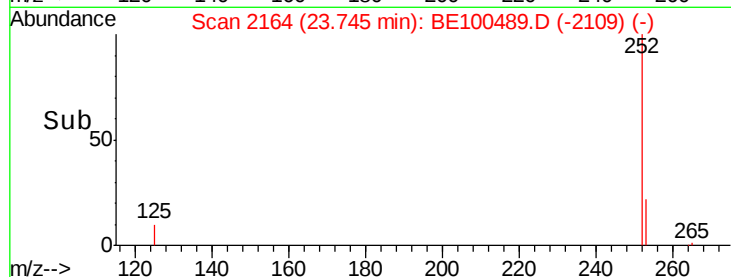
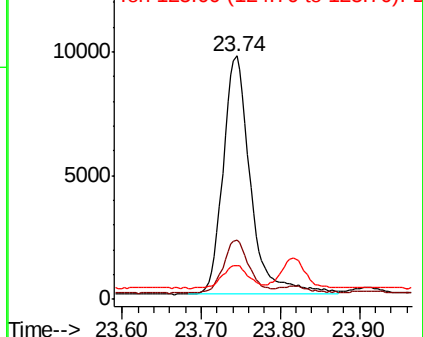
125 14.0 14.1 21.1#



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: 0.387 ng

RT: 26.51 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

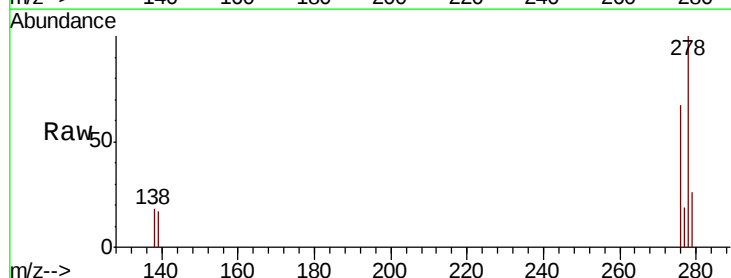
Tgt Ion:278 Resp: 21919

Ion Ratio Lower Upper

278 100

139 17.3 16.8 25.2

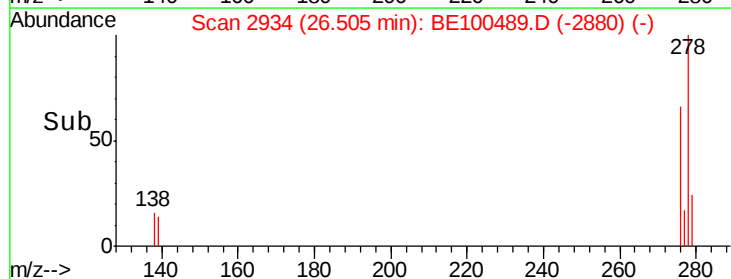
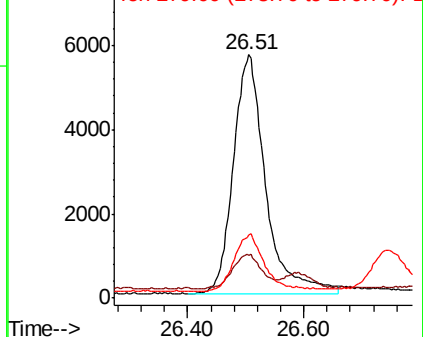
279 26.1 21.8 32.8

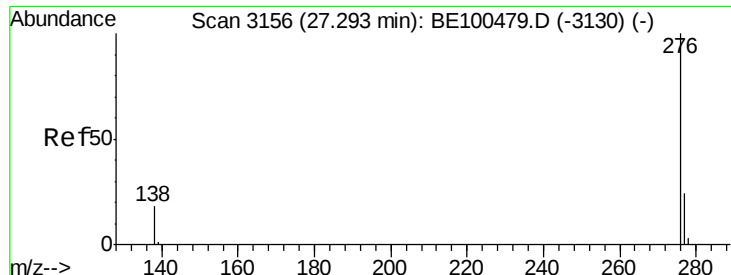


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

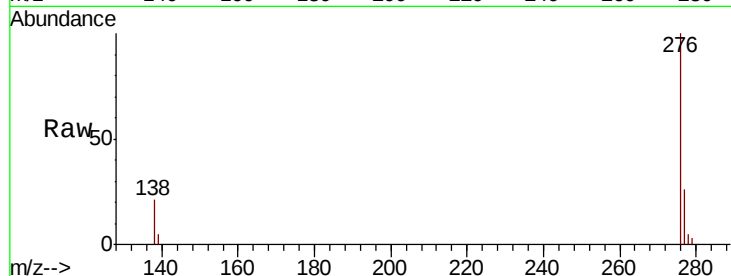
Tot Ion: 276 Resp: 22603

Ion Ratio Lower Upper

276 100

277 26.4 22.0 33.0

138 21.2 17.3 25.9



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

