

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 : MDL-W-0.PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 23 07:38:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 22 17:11:23 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

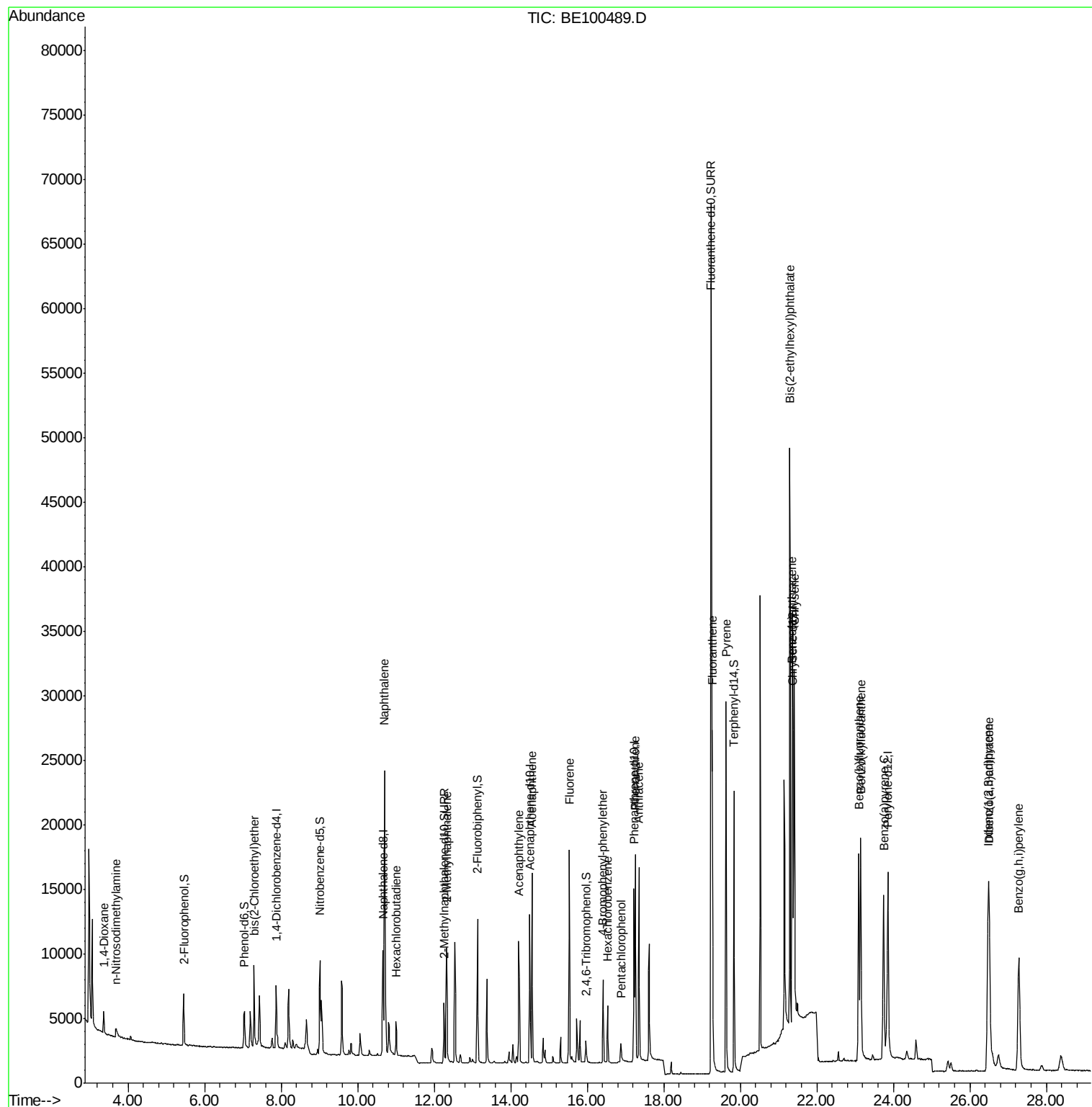
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	1357	0.346	ng	97
3) n-Nitrosodimethylamine	3.68	42	661	0.307	ng	# 86
6) bis(2-Chloroethyl)ether	7.30	93	2841	0.404	ng	95
9) Naphthalene	10.71	128	38326	0.393	ng	100
10) Hexachlorobutadiene	11.00	225	1875	0.402	ng	99
12) 2-Methylnaphthalene	12.32	142	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

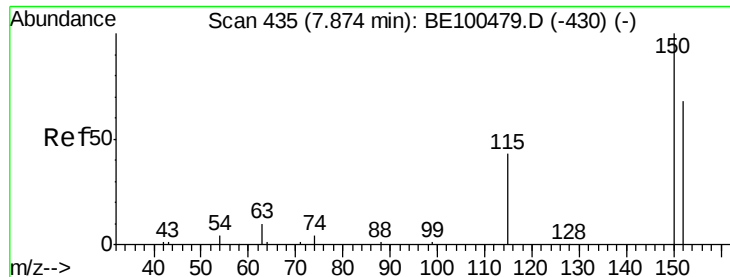
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

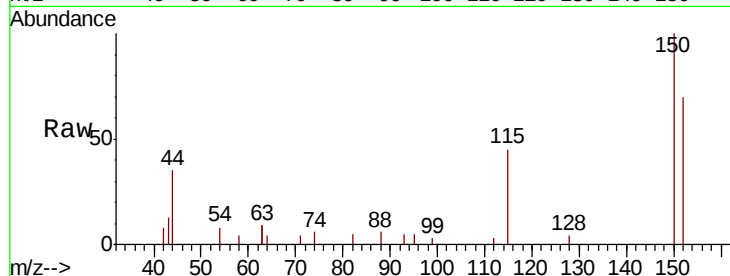
Tgt Ion:152 Resp: 2351

Ion Ratio Lower Upper

152 100

150 143.4 115.0 172.6

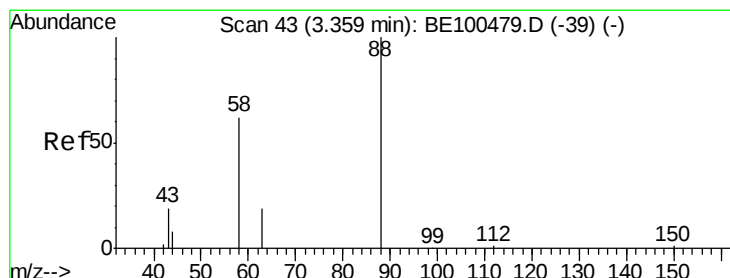
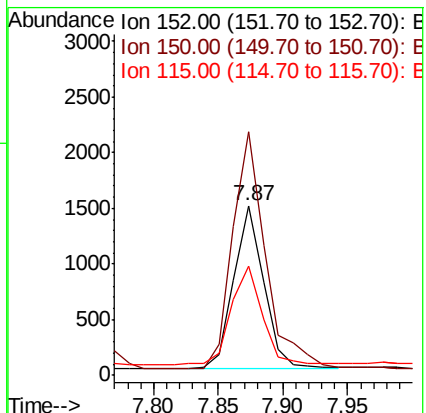
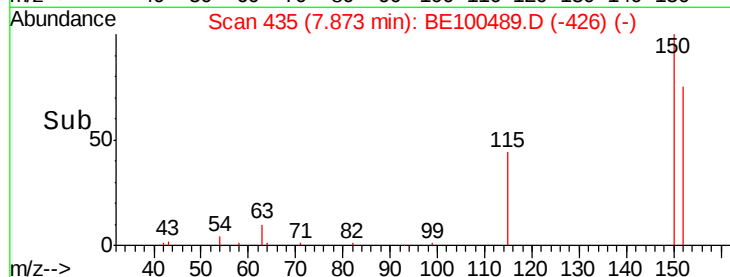
115 64.4 52.9 79.3



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

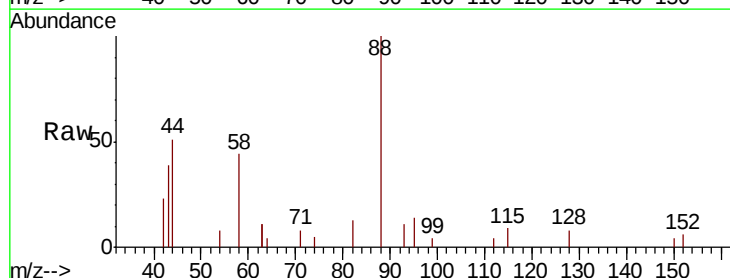
Tgt Ion: 88 Resp: 1357

Ion Ratio Lower Upper

88 100

58 69.6 53.2 79.8

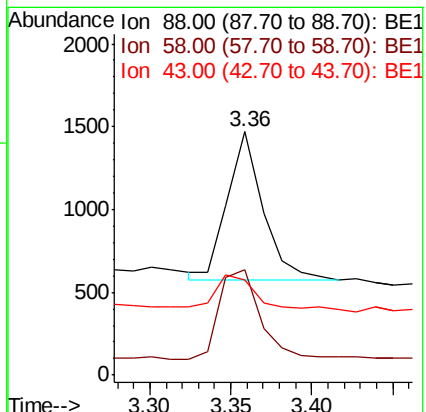
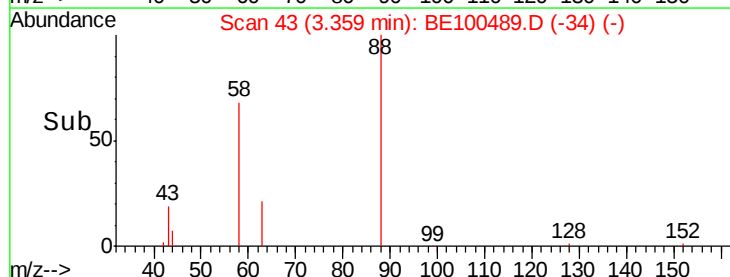
43 26.3 20.8 31.2

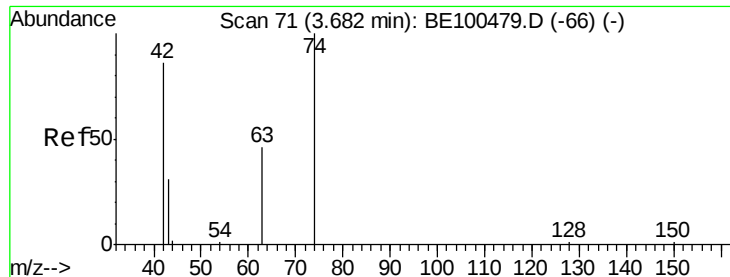


Abundance Ion 88.00 (87.70 to 88.70): BE1

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

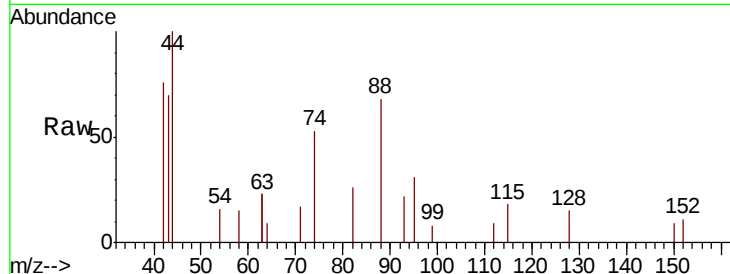
Tgt Ion: 42 Resp: 661

Ion Ratio Lower Upper

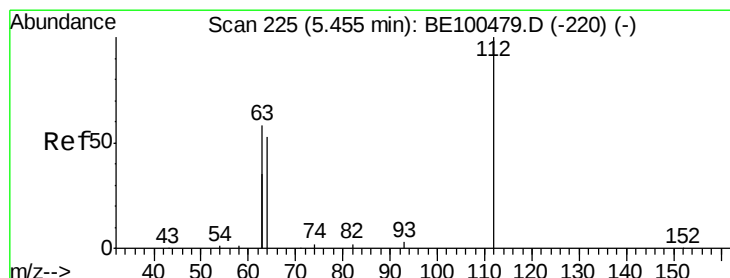
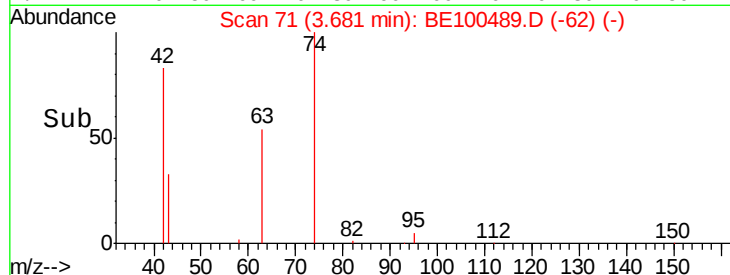
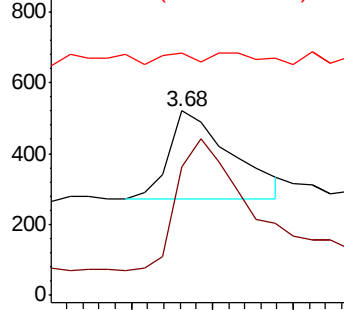
42 100

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

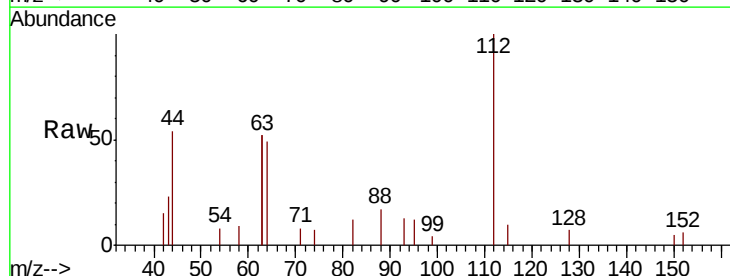
Tgt Ion: 112 Resp: 2316

Ion Ratio Lower Upper

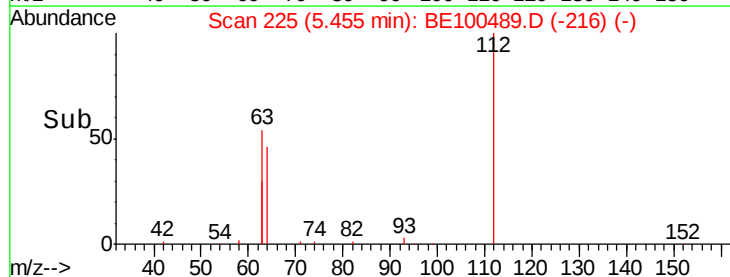
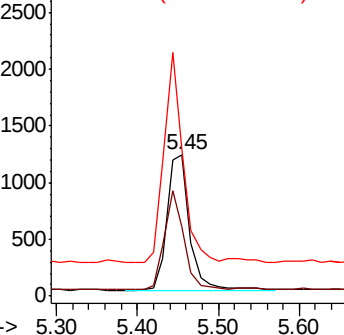
112 100

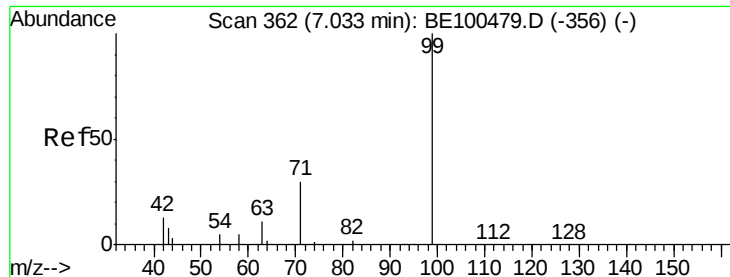
64 61.9 54.1 81.1

63 131.7 104.6 157.0



Abundance Ion 112.00 (111.70 to 112.70): E
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

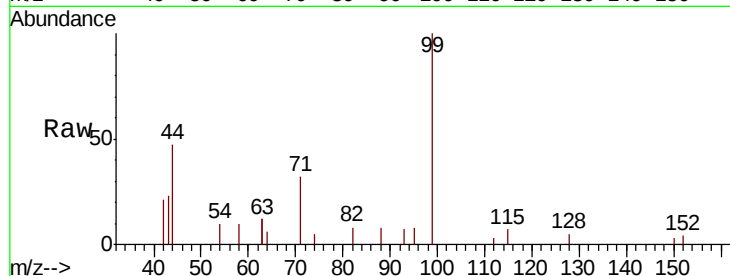
Tgt Ion: 99 Resp: 3263

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

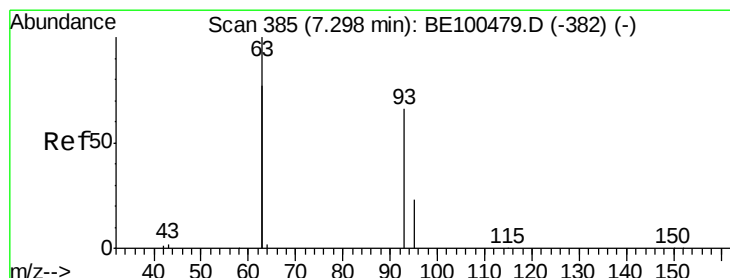
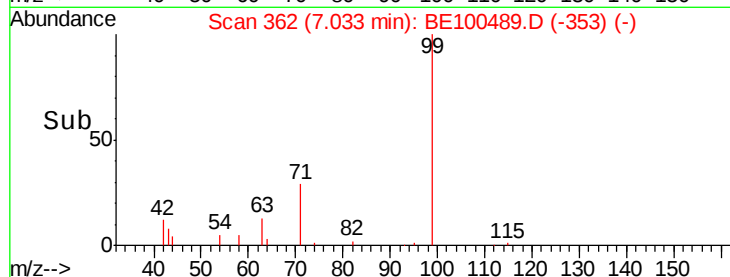
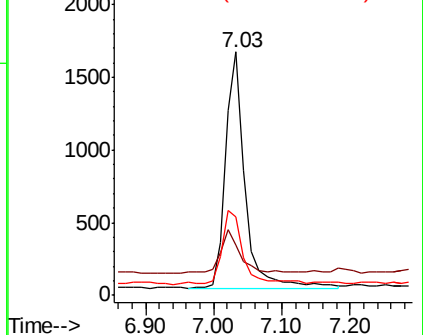
71 32.9 26.4 39.6



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

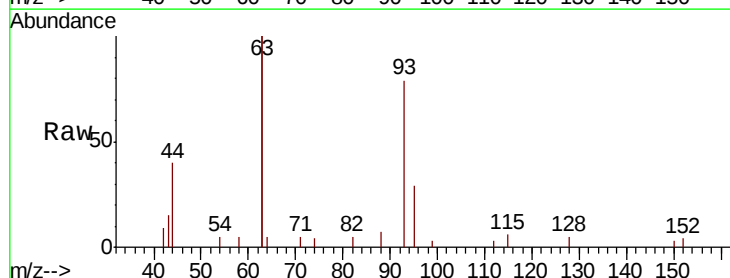
Tgt Ion: 93 Resp: 2841

Ion Ratio Lower Upper

93 100

63 299.2 248.3 372.5

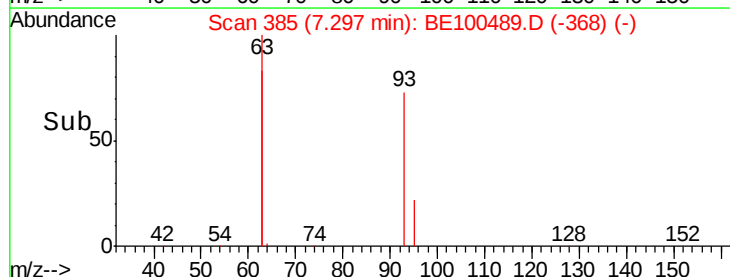
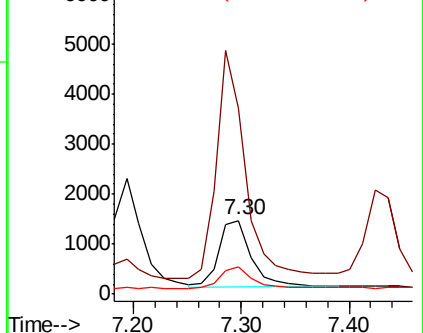
95 30.4 25.4 38.0

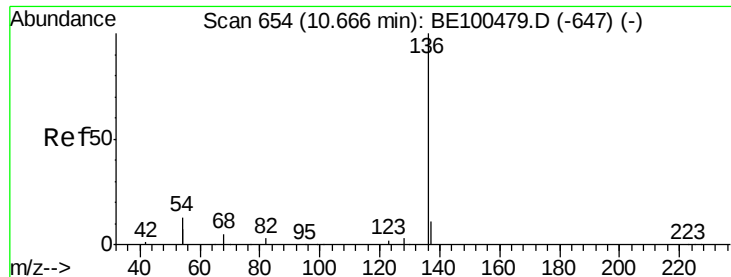


Abundance Ion 93.00 (92.70 to 93.70): BE1

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

Tgt Ion:136 Resp: 10158

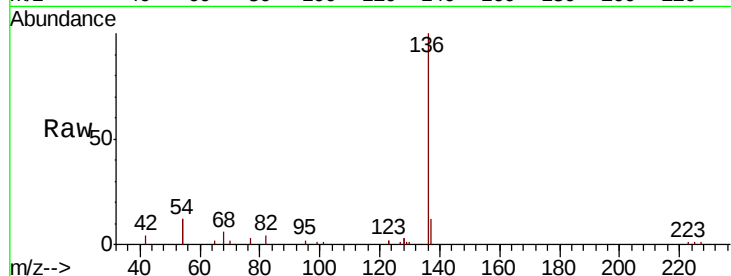
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.6

54 23.6 20.6 31.0

68 5.6 5.3 7.9

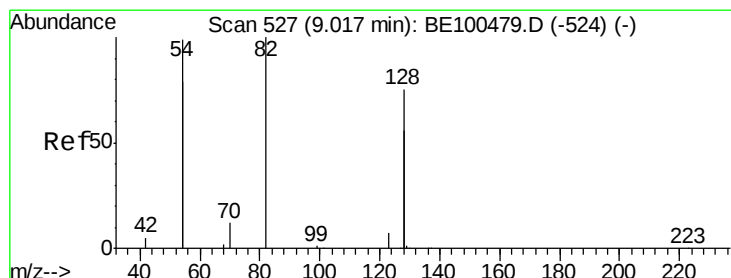
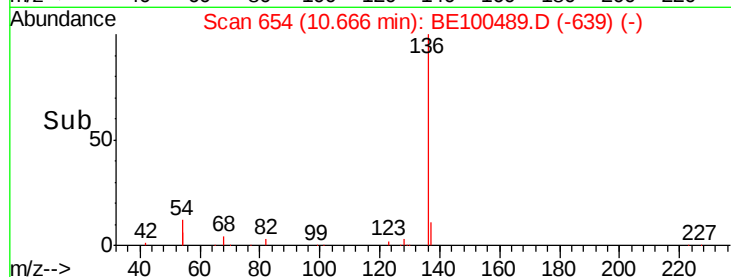
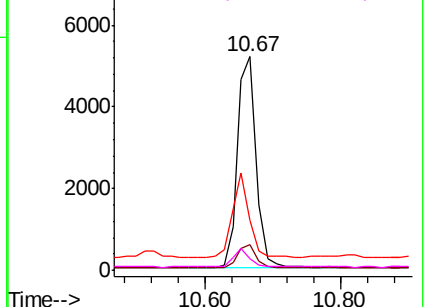


Abundance Ion 136.00 (135.70 to 136.70): E

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

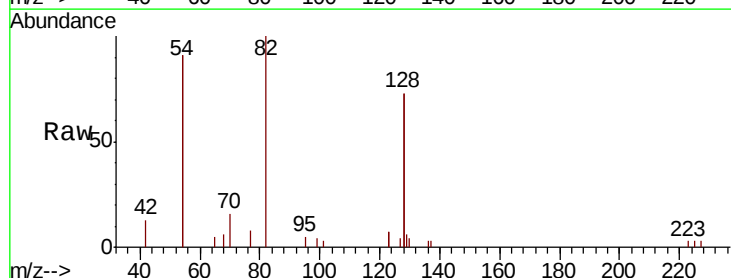
Tgt Ion: 82 Resp: 3224

Ion Ratio Lower Upper

82 100

128 146.9 113.6 170.4

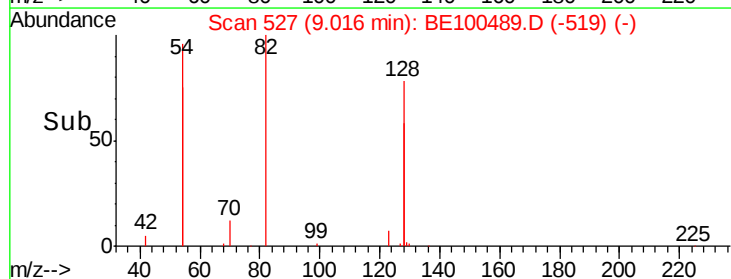
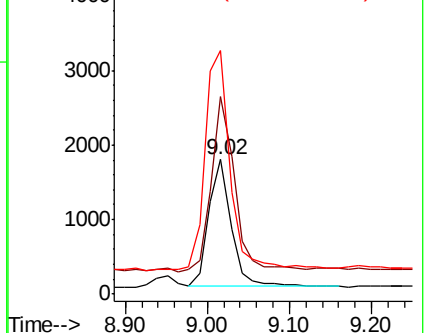
54 181.5 150.6 226.0

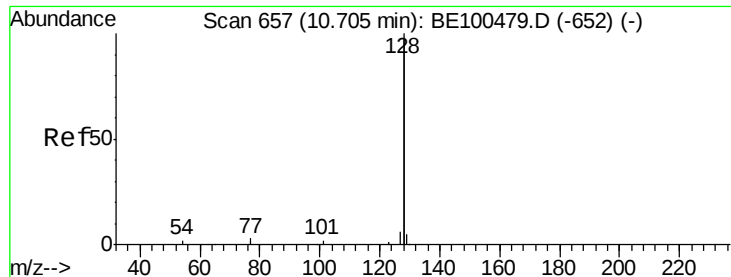


Abundance Ion 82.00 (81.70 to 82.70): BE1

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

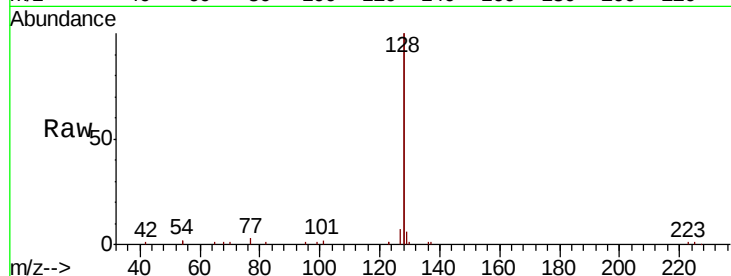
Tgt Ion:128 Resp: 38326

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

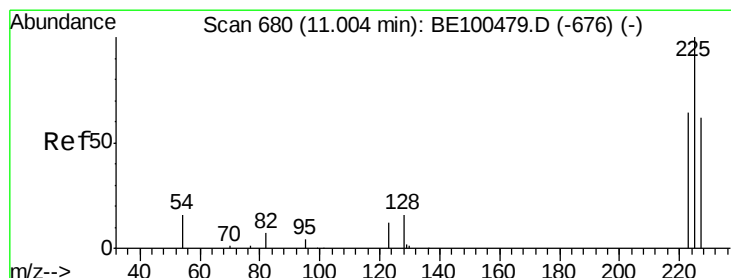
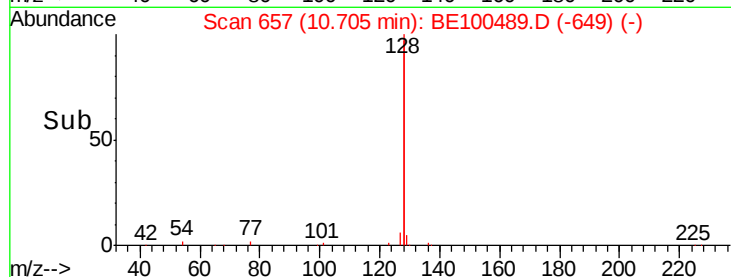
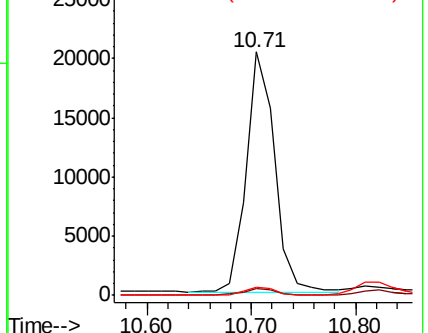
127 3.5 2.7 4.1



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

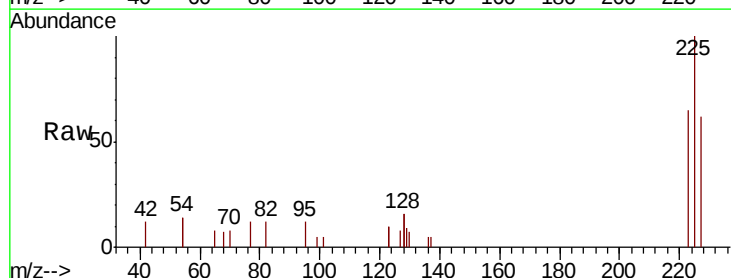
Tgt Ion:225 Resp: 1875

Ion Ratio Lower Upper

225 100

223 61.5 49.4 74.0

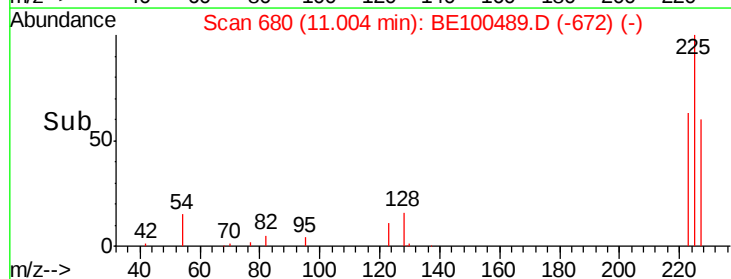
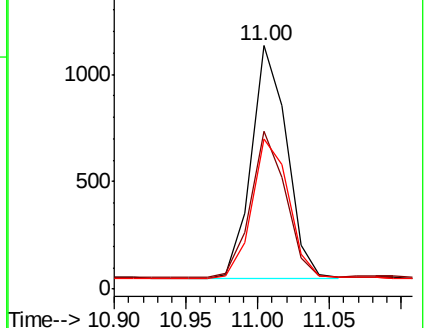
227 62.7 51.4 77.2

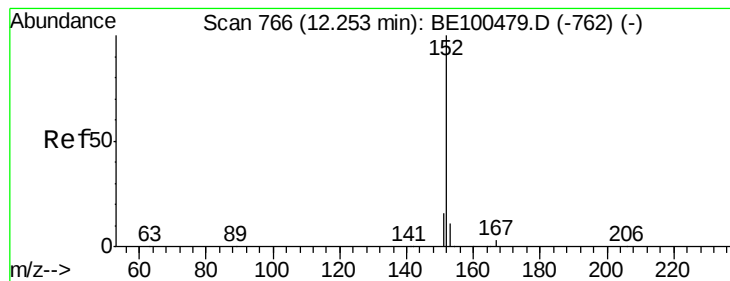


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

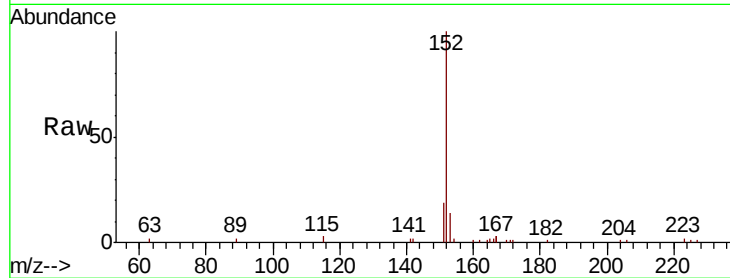
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6470

Ion Ratio Lower Upper

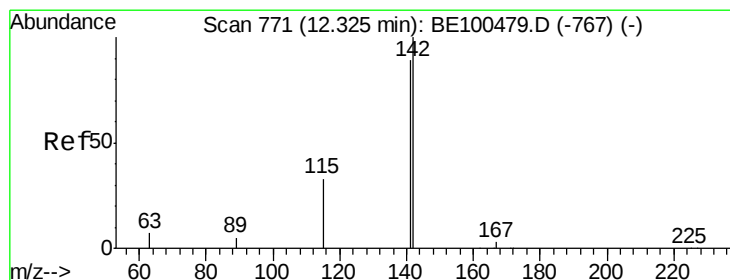
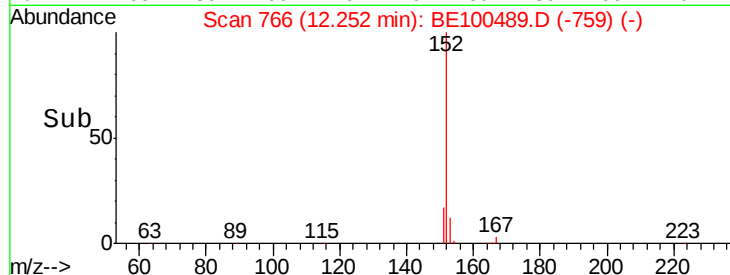
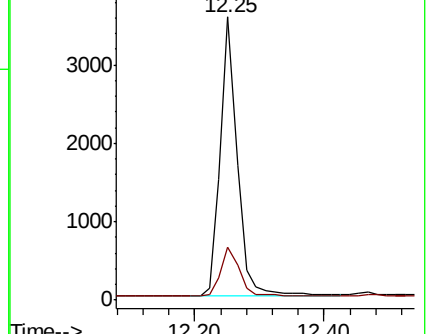
152 100

151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#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

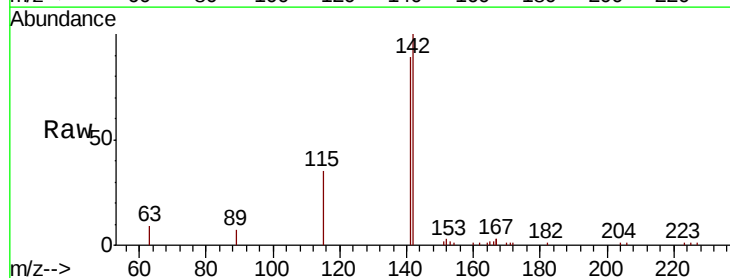
Tgt Ion:142 Resp: 6749

Ion Ratio Lower Upper

142 100

141 89.1 71.7 107.5

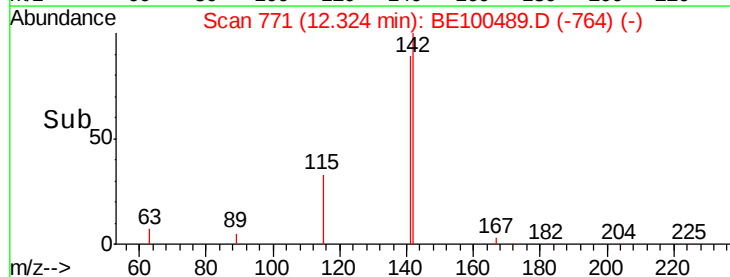
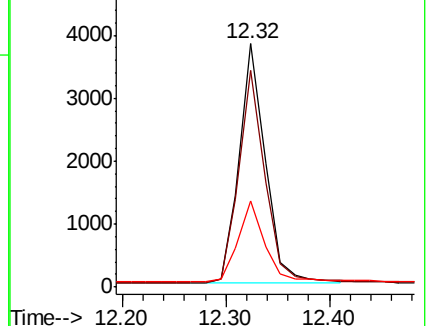
115 35.3 27.8 41.6

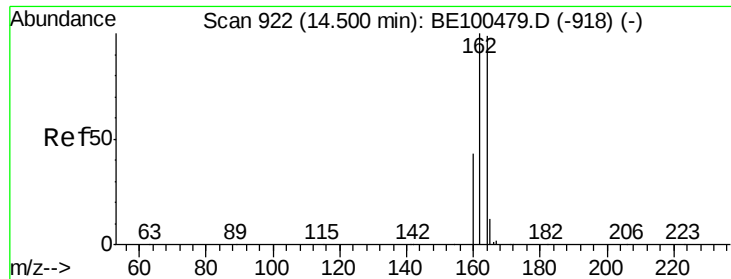


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

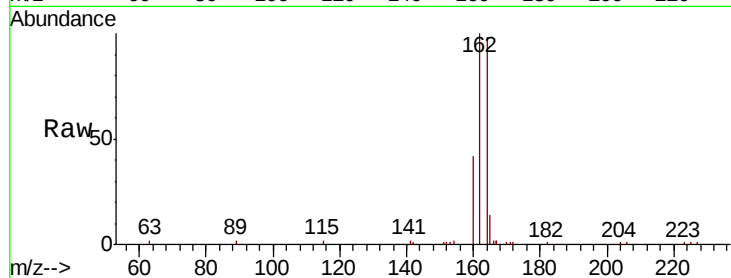




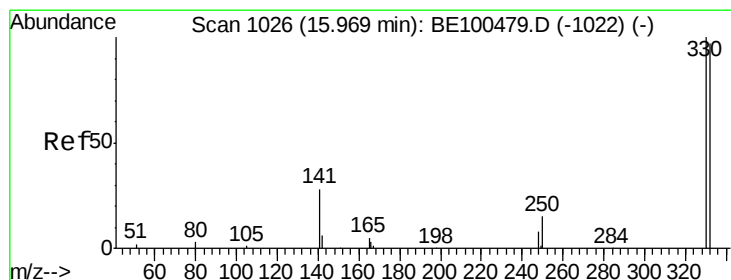
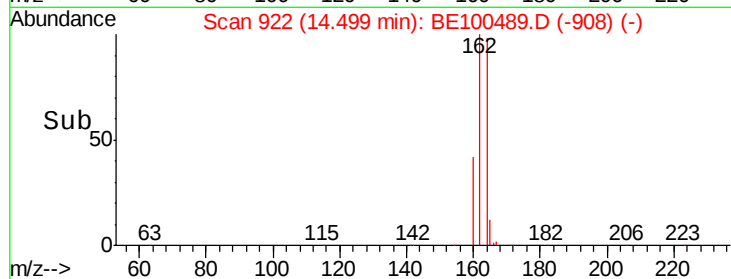
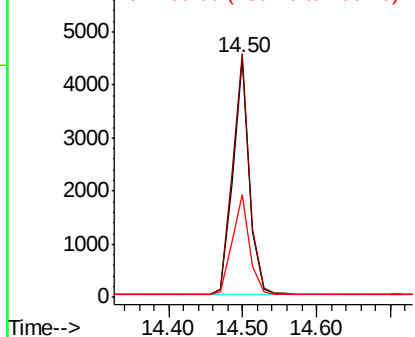
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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

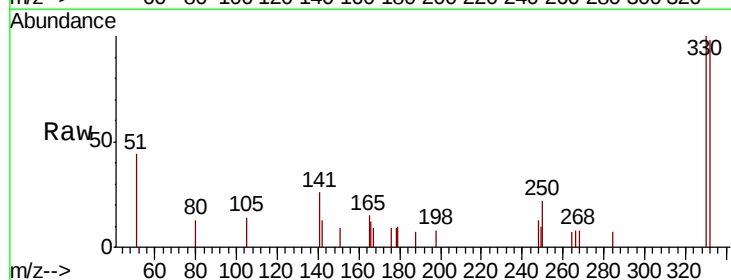


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

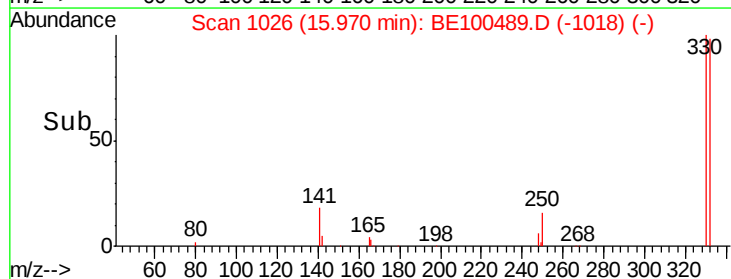
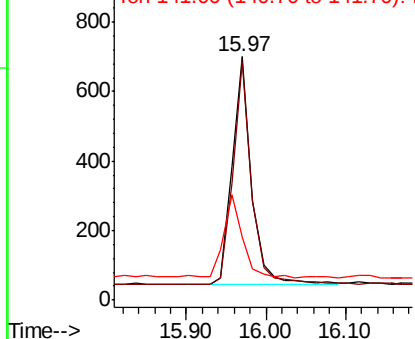


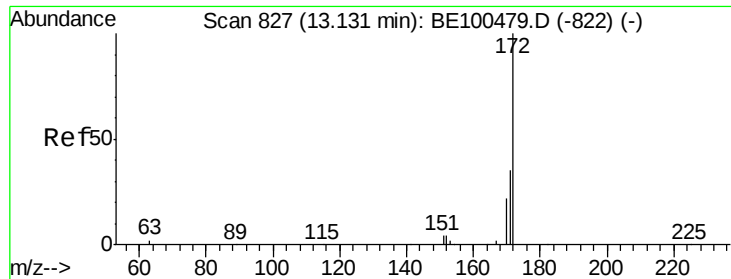
#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

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

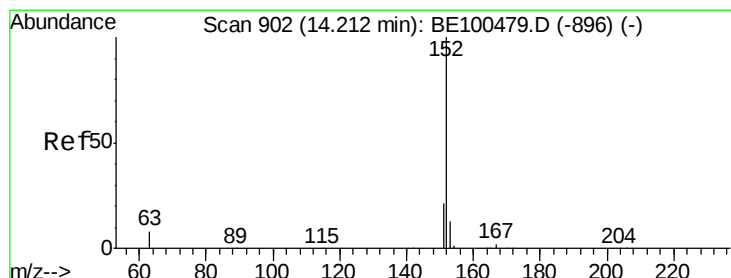
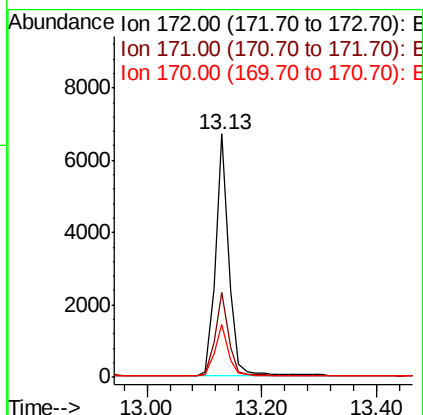
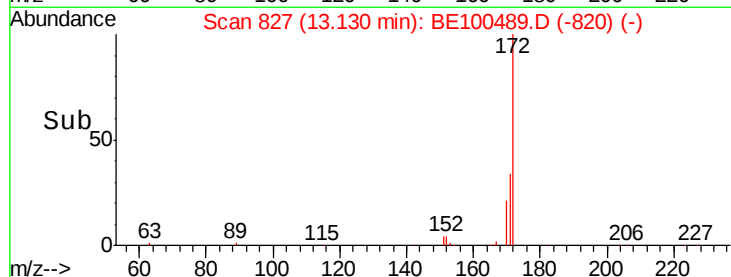
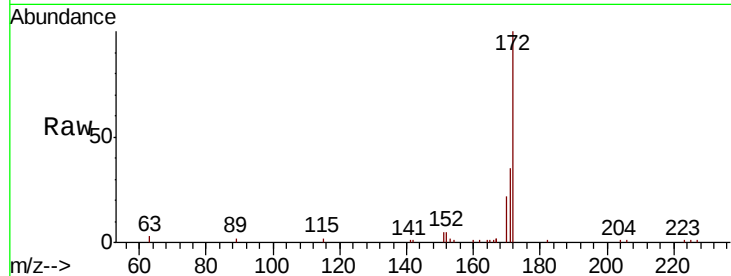




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

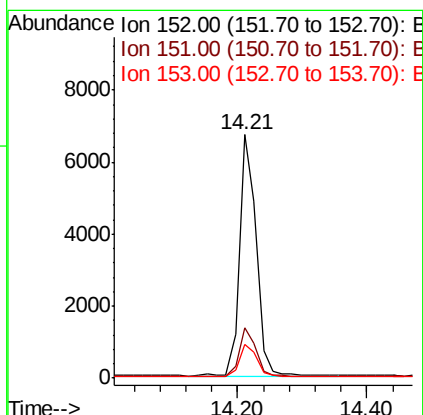
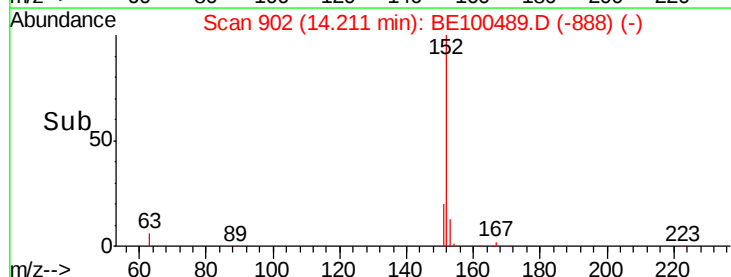
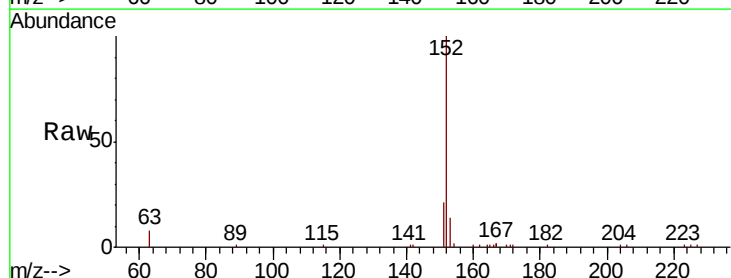
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

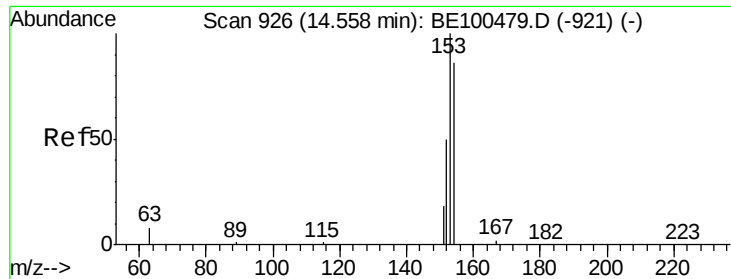
Tgt Ion:172 Resp: 10633
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.0 17.8 26.8



#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

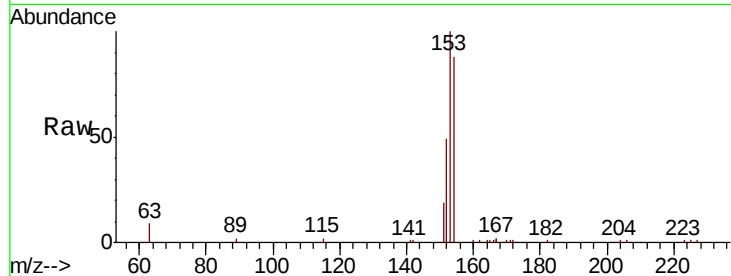




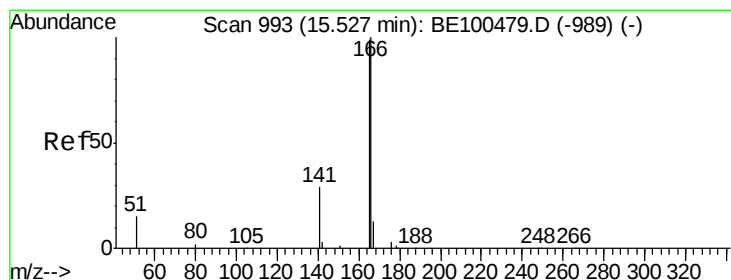
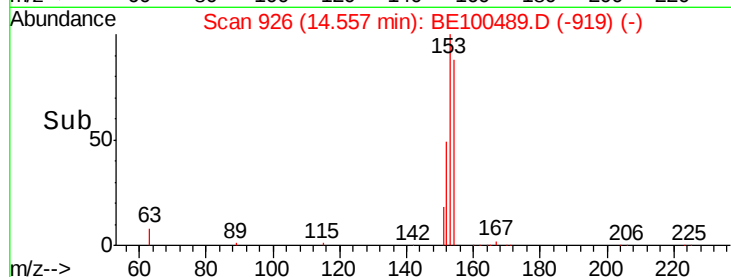
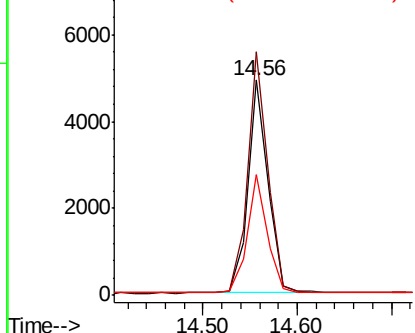
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7325
Ion Ratio Lower Upper
154 100
153 113.4 90.8 136.2
152 54.8 45.1 67.7

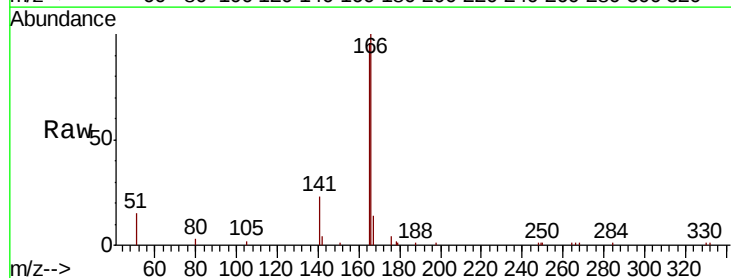


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

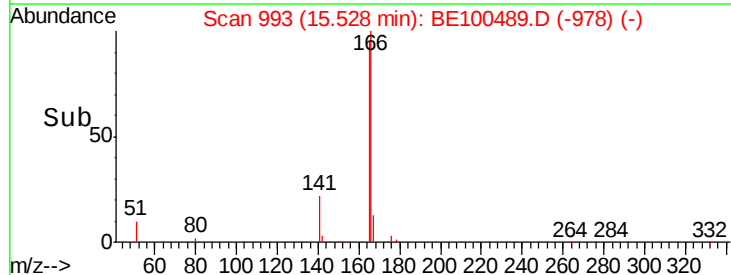
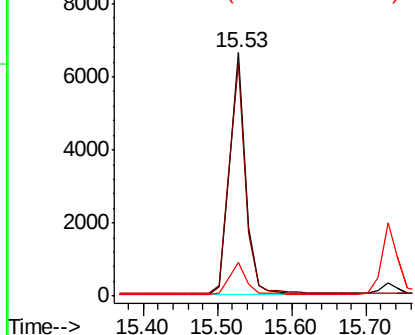


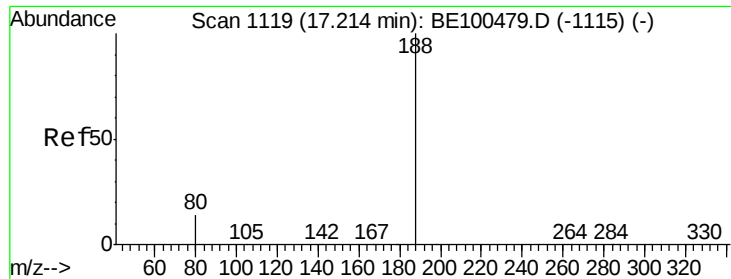
#18
Fluorene
Concen: 0.385 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

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

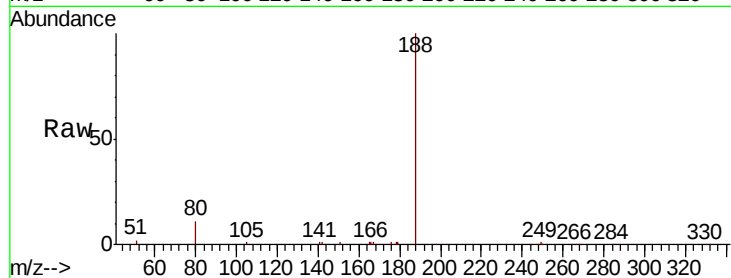
Tgt Ion:188 Resp: 18572

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

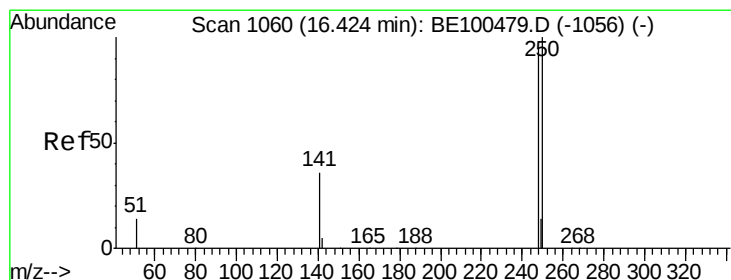
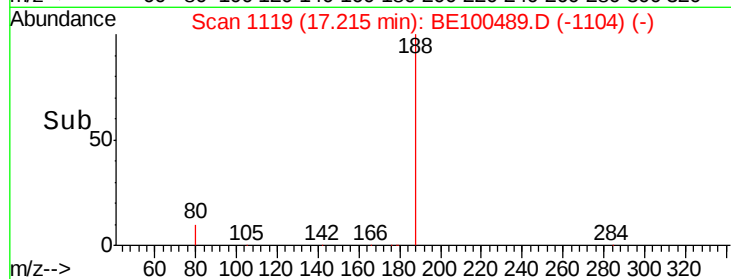
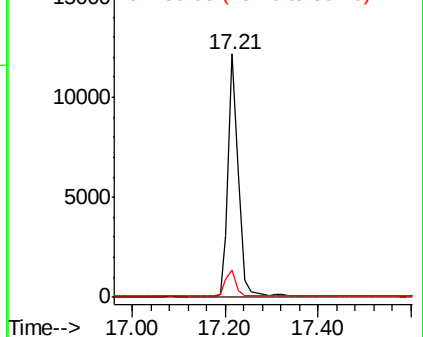
80 11.0 11.9 17.9#



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

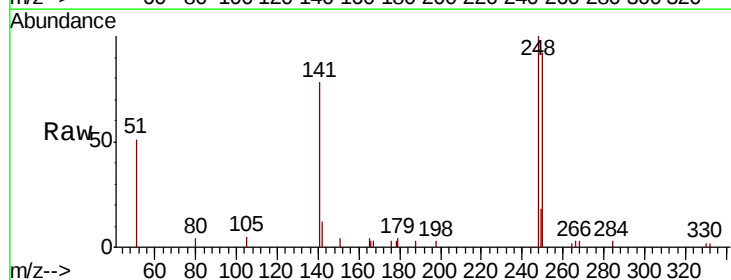
Tgt Ion:248 Resp: 3312

Ion Ratio Lower Upper

248 100

250 91.7 84.4 126.6

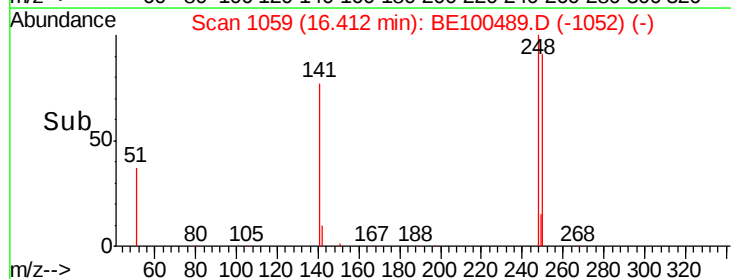
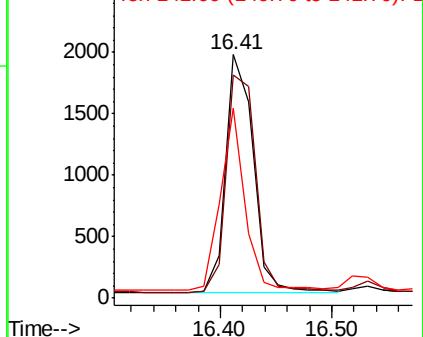
141 78.3 32.2 48.2#

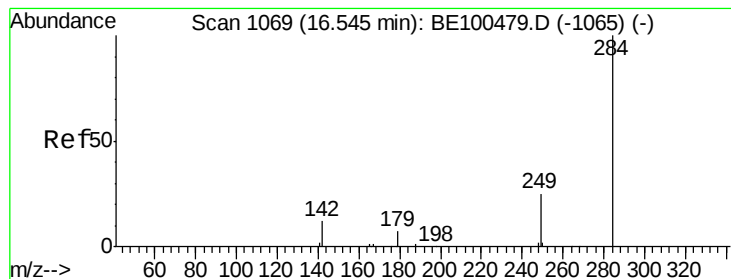


Abundance Ion 248.00 (247.70 to 248.70): E

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

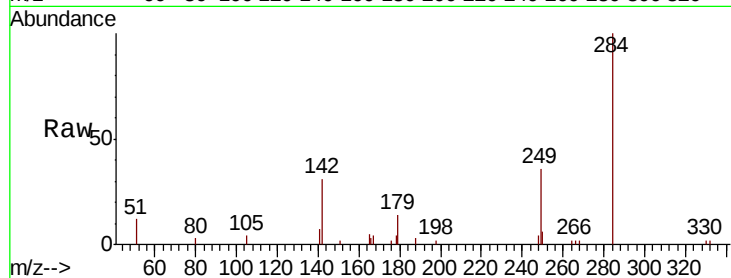
Tgt Ion:284 Resp: 3486

Ion Ratio Lower Upper

284 100

142 33.4 26.7 40.1

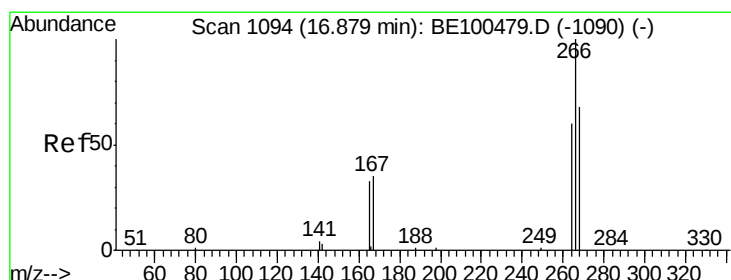
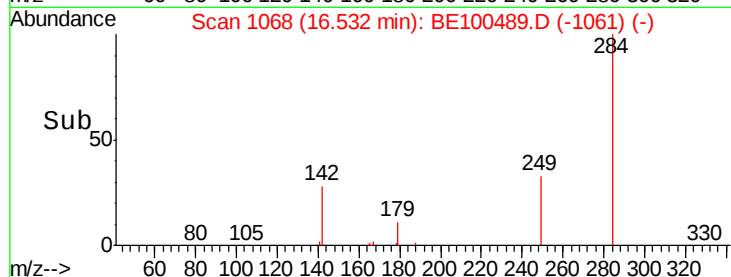
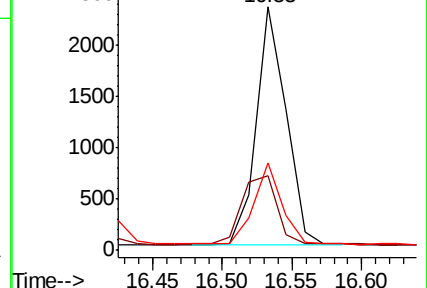
249 31.8 25.0 37.4



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

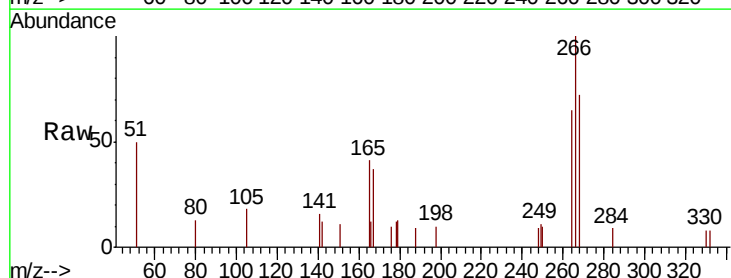
Tgt Ion:266 Resp: 1325

Ion Ratio Lower Upper

266 100

264 65.2 50.4 75.6

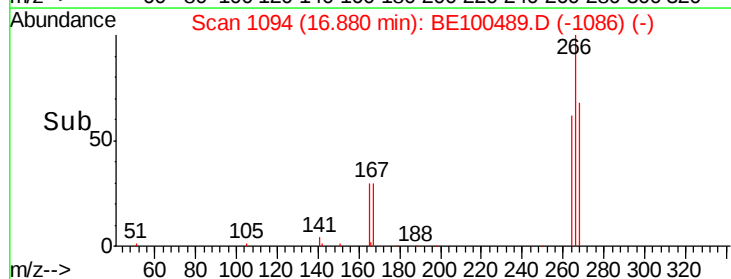
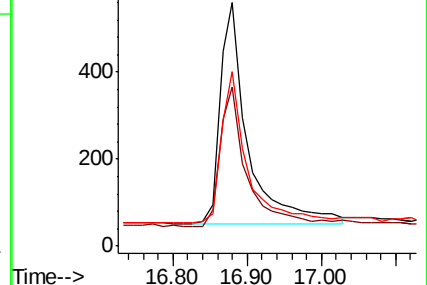
268 71.6 56.6 85.0

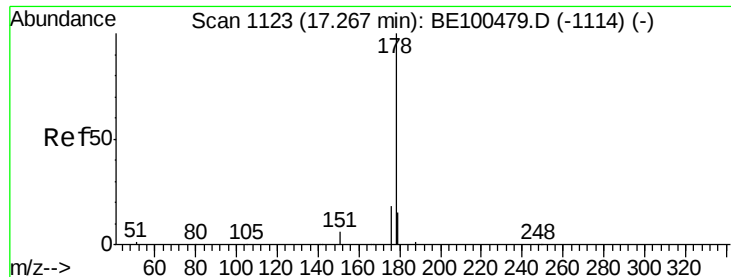


Abundance Ion 266.00 (265.70 to 266.70): E

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

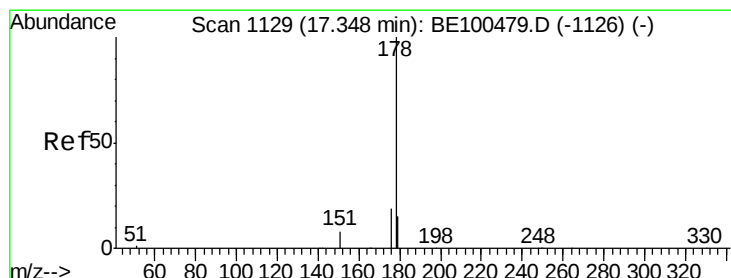
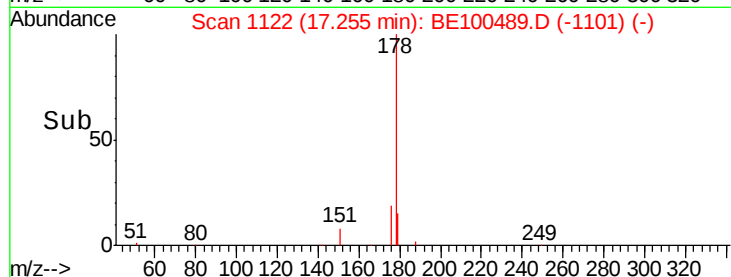
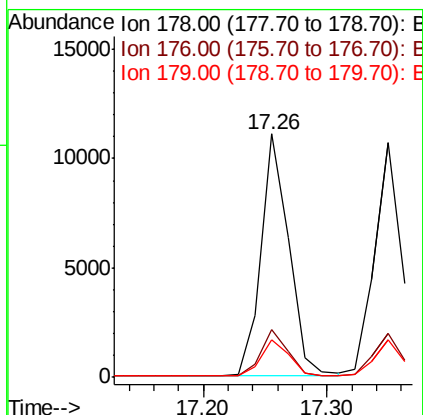
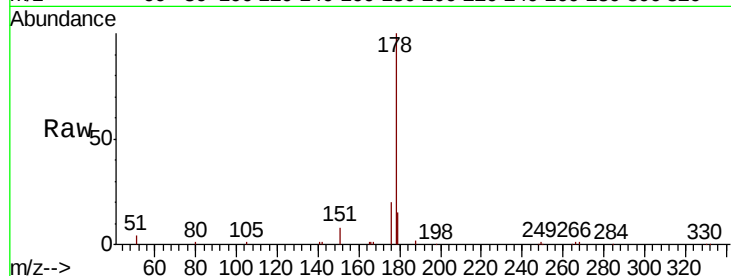
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	178	Resp:	17227
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.9	12.6	18.8



#24

Anthracene

Concen: 0.373 ng

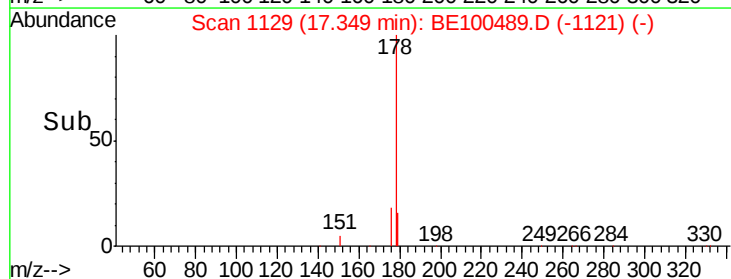
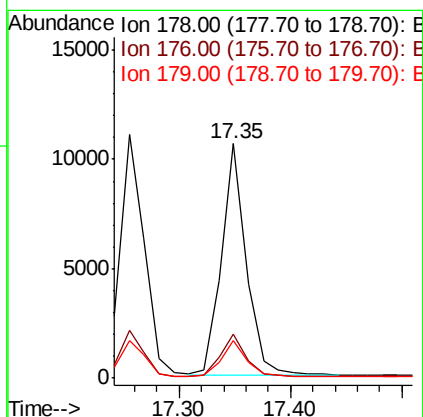
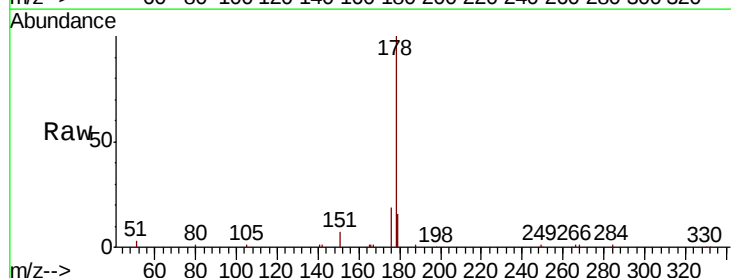
RT: 17.35 min Scan# 1129

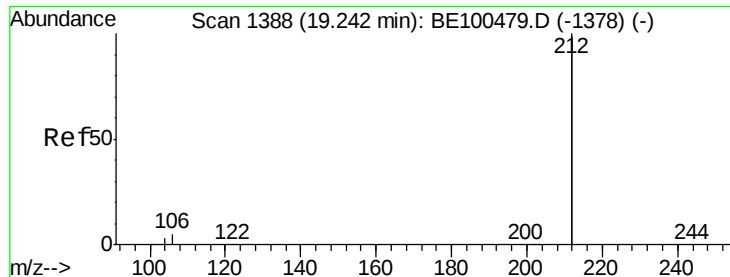
Delta R.T. 0.00 min

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





#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

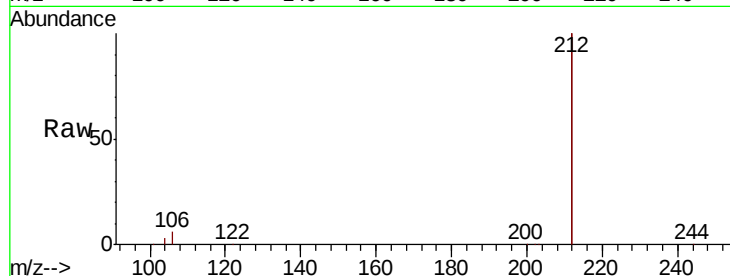
Tgt Ion:212 Resp: 95416

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.4

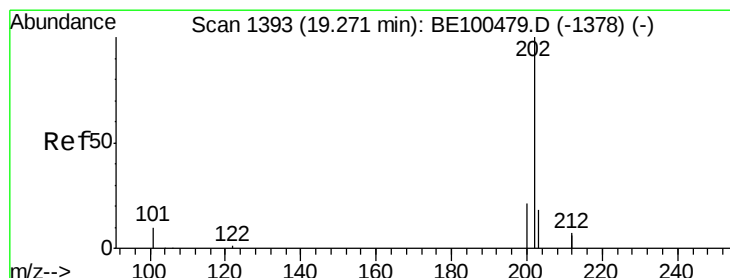
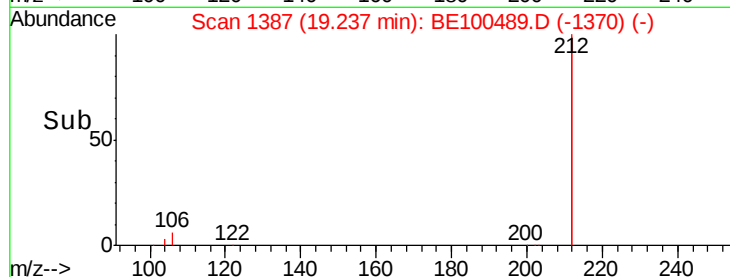
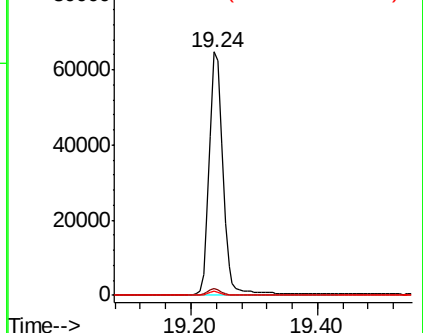
104 1.5 1.2 1.8



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

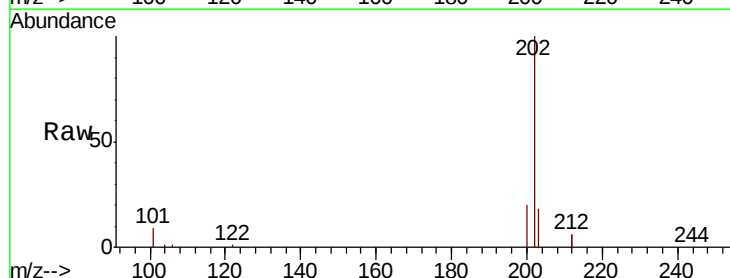
Tgt Ion:202 Resp: 24810

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

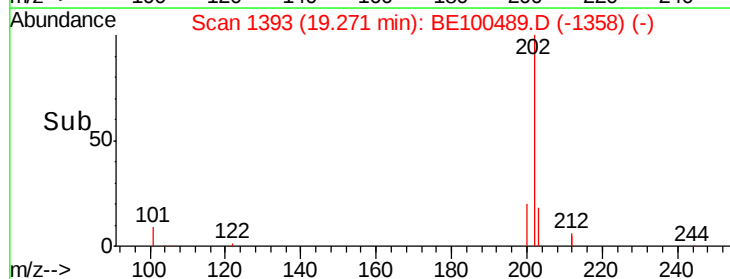
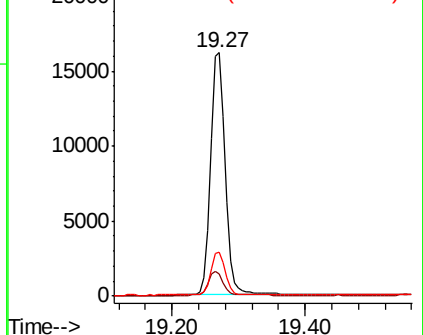
203 17.3 13.5 20.3

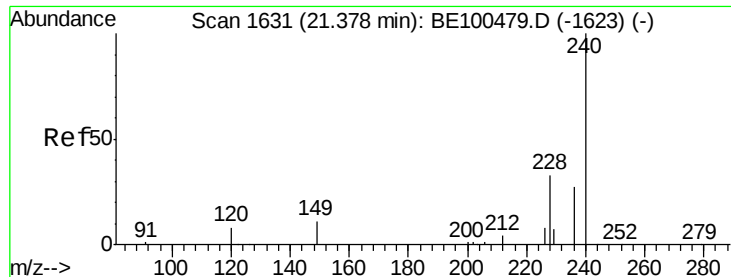


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

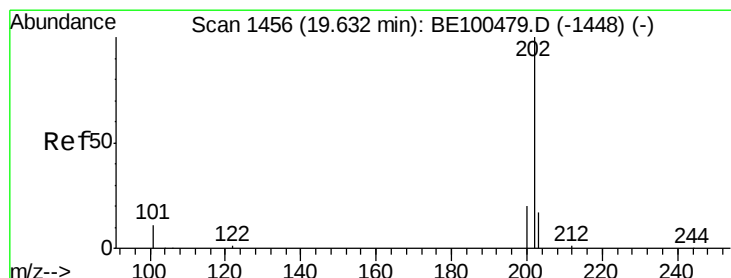
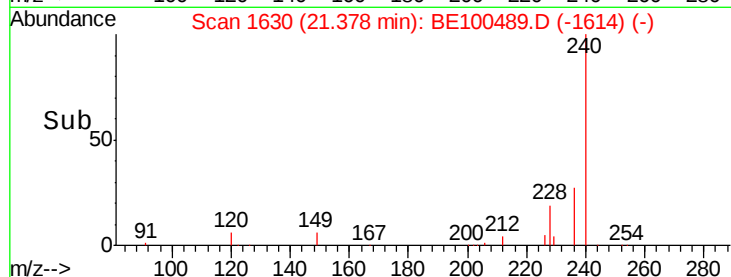
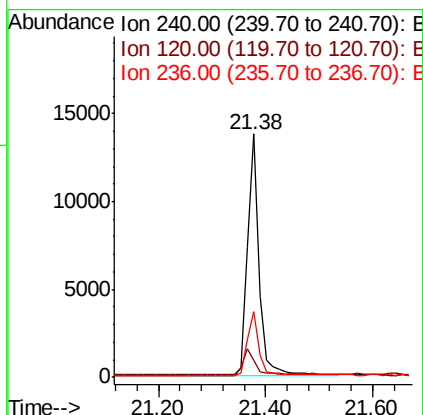
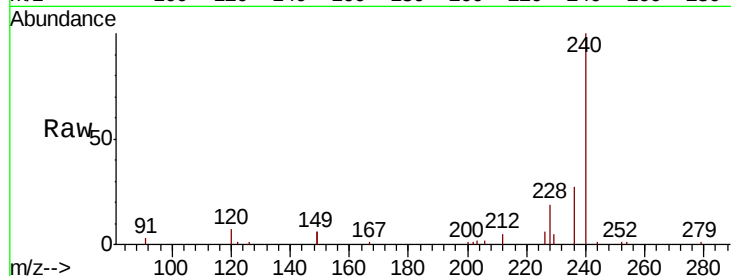




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

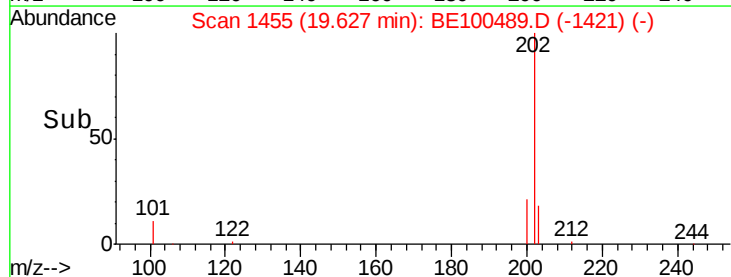
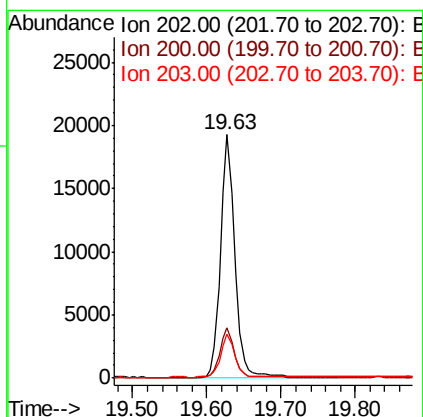
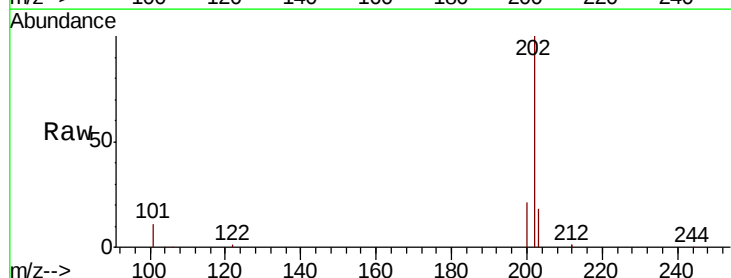
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

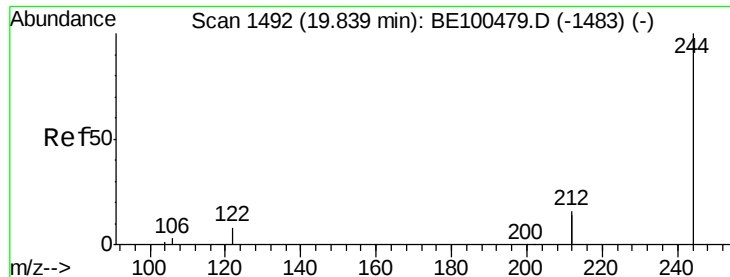
Tgt Ion:240 Resp: 20988
Ion Ratio Lower Upper
240 100
120 7.0 8.2 12.2#
236 27.1 22.6 34.0



#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

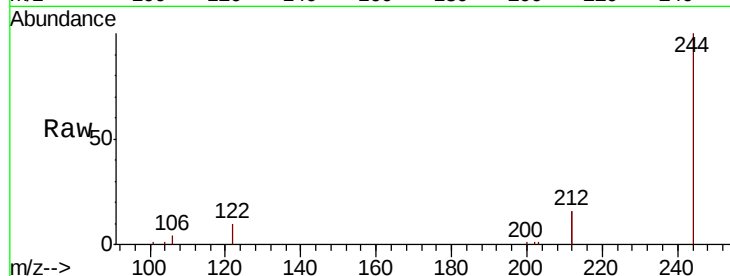
Tgt Ion:244 Resp: 20313

Ion Ratio Lower Upper

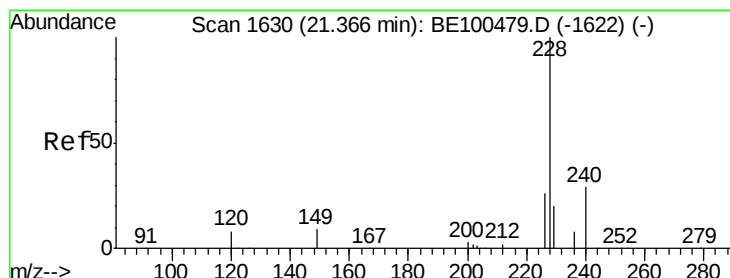
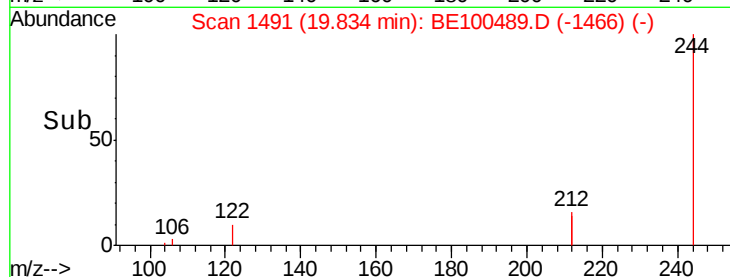
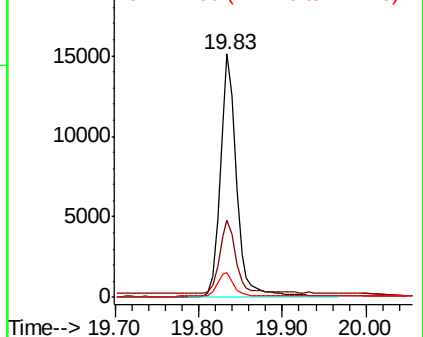
244 100

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

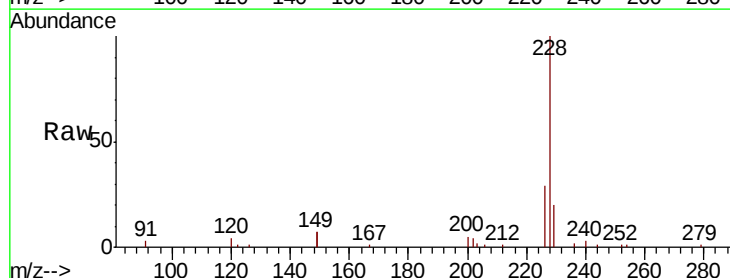
Tgt Ion:228 Resp: 25059

Ion Ratio Lower Upper

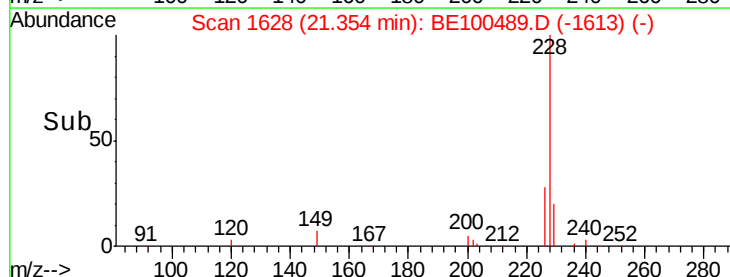
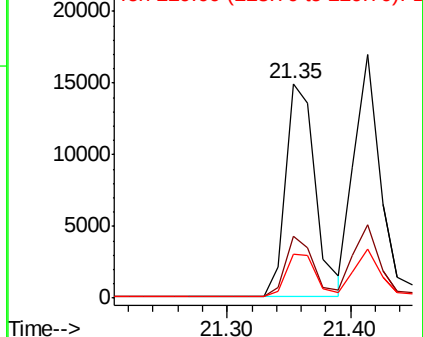
228 100

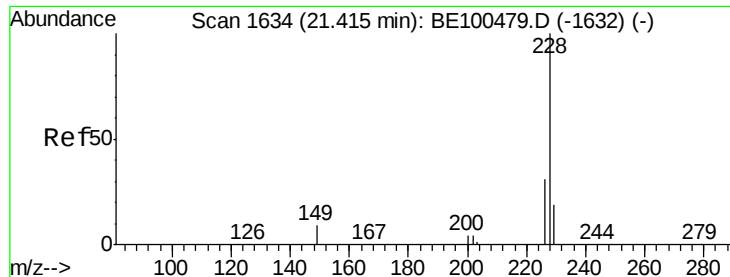
226 28.9 21.4 32.2

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

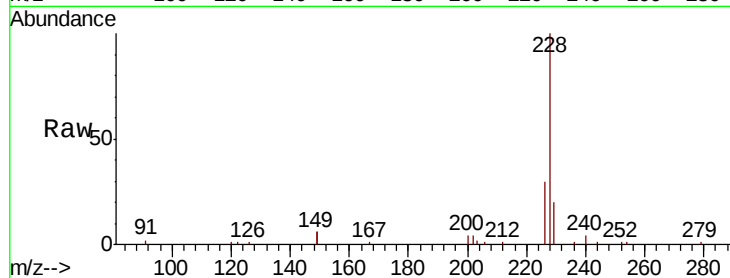
Tgt Ion:228 Resp: 24745

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

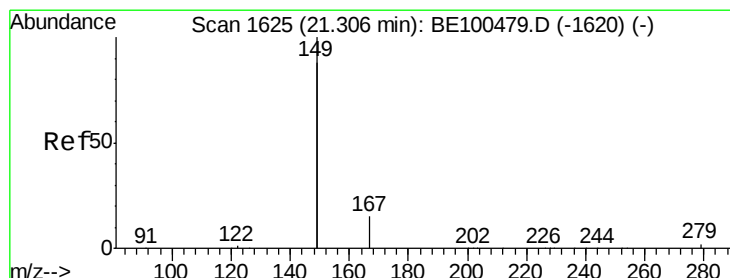
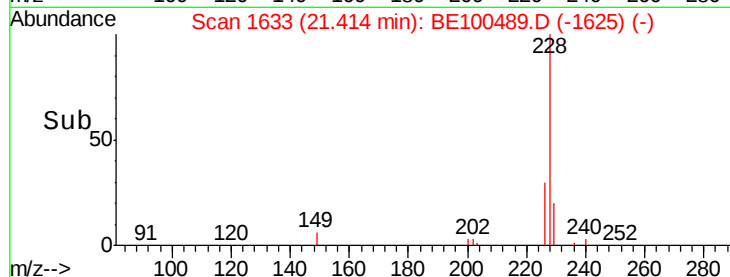
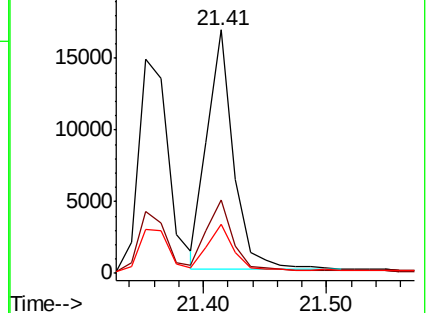
229 20.3 16.7 25.1



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

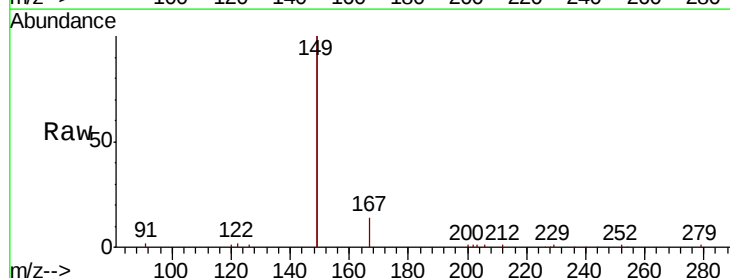
Tgt Ion:149 Resp: 57284

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

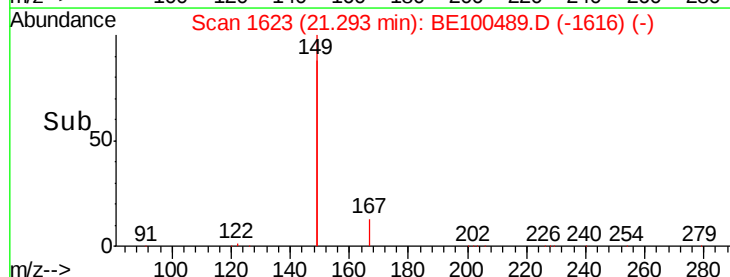
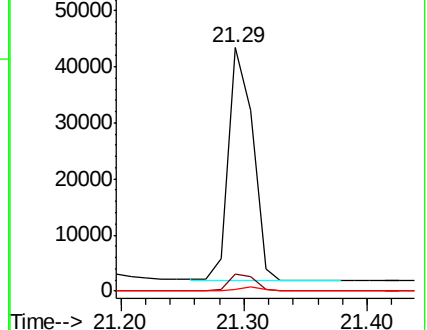
279 1.1 1.0 1.6

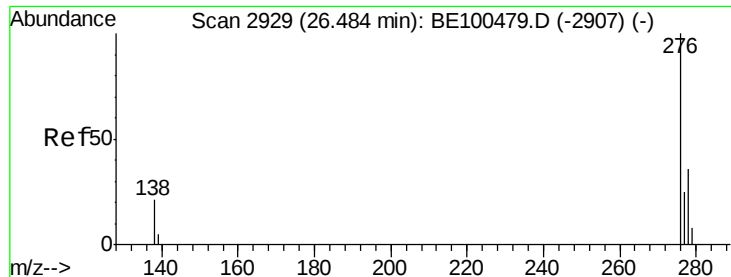


Abundance Ion 149.00 (148.70 to 149.70): E

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

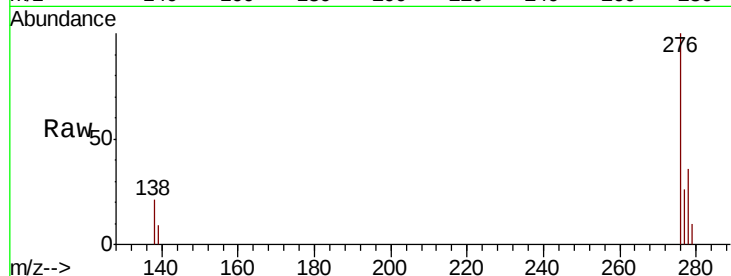
Tgt Ion: 276 Resp: 26523

Ion Ratio Lower Upper

276 100

138 21.3 16.6 25.0

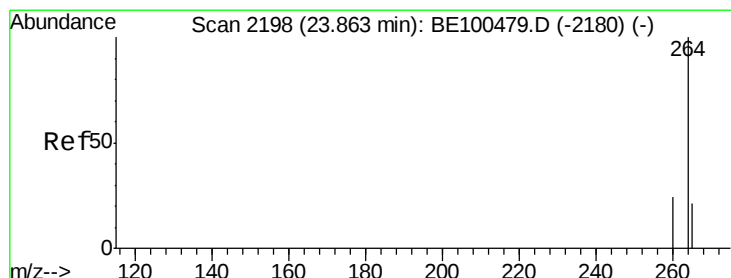
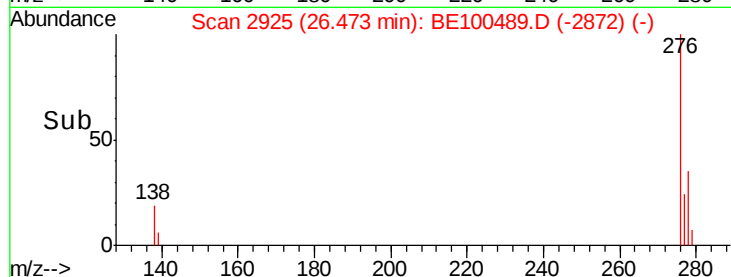
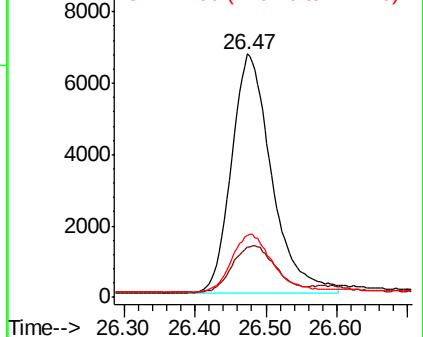
277 24.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100489.D

Acq: 22 Jul 2019 21:18

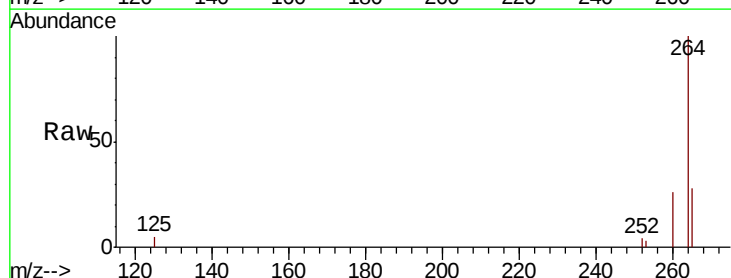
Tgt Ion: 264 Resp: 22527

Ion Ratio Lower Upper

264 100

260 25.9 20.7 31.1

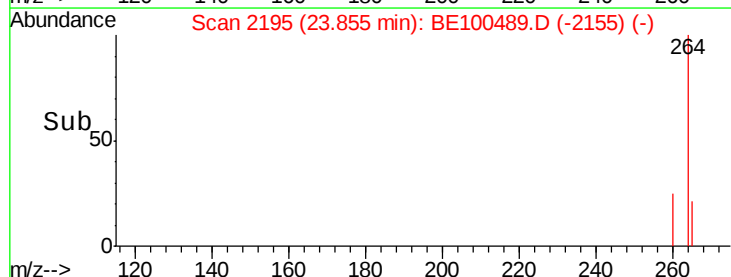
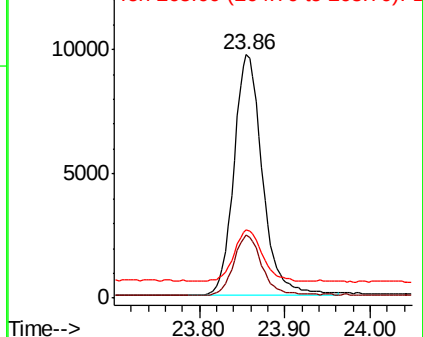
265 27.9 23.4 35.2

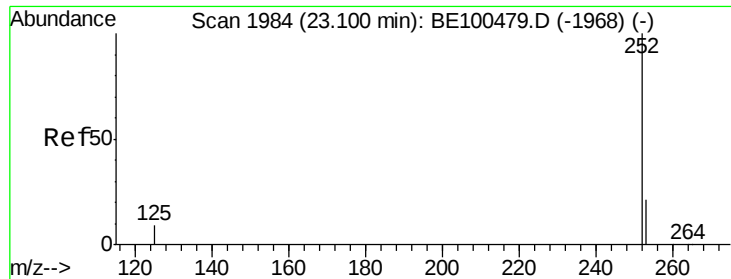


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.388 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

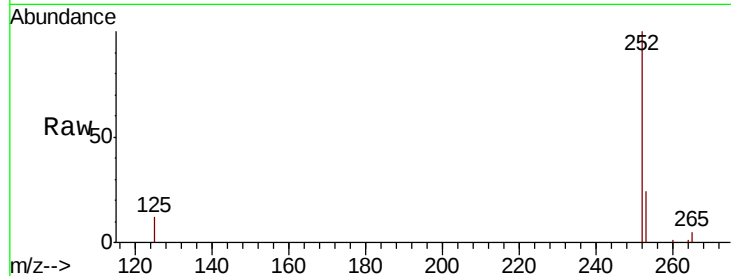
Tgt Ion:252 Resp: 23945

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

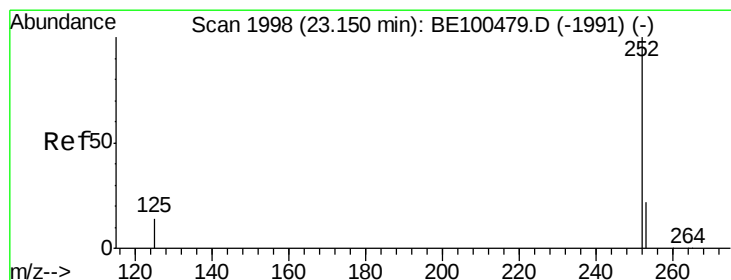
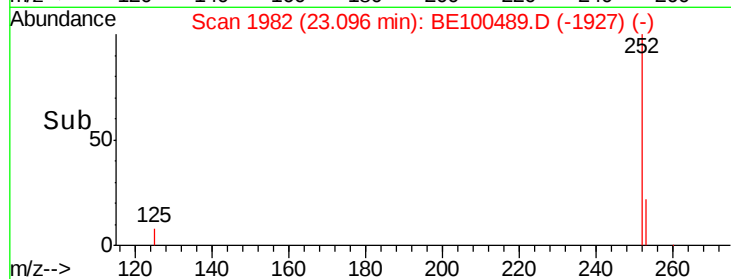
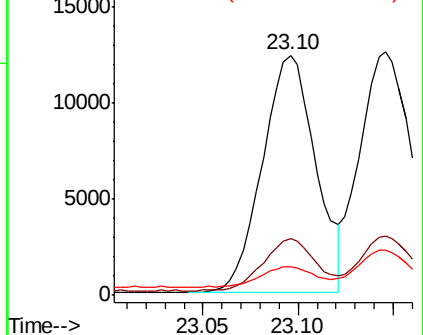
125 11.8 11.9 17.9#



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



#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

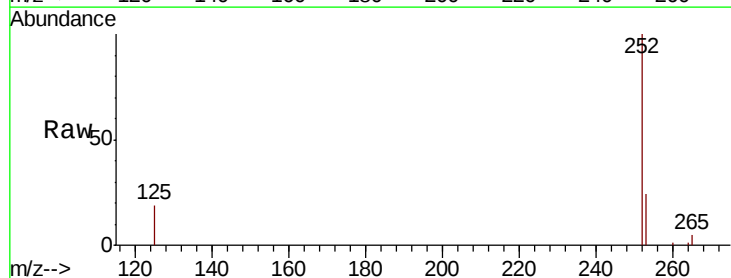
Tgt Ion:252 Resp: 25878

Ion Ratio Lower Upper

252 100

253 24.1 19.7 29.5

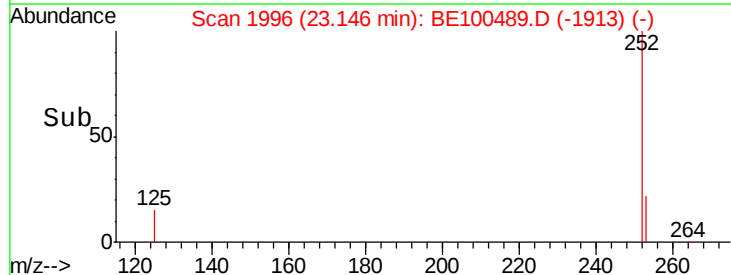
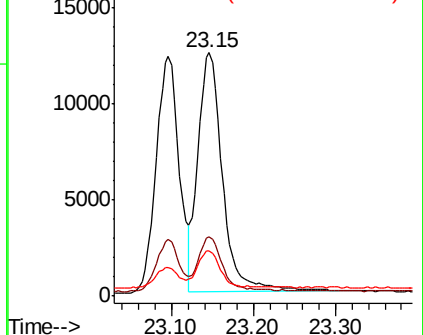
125 18.7 15.2 22.8

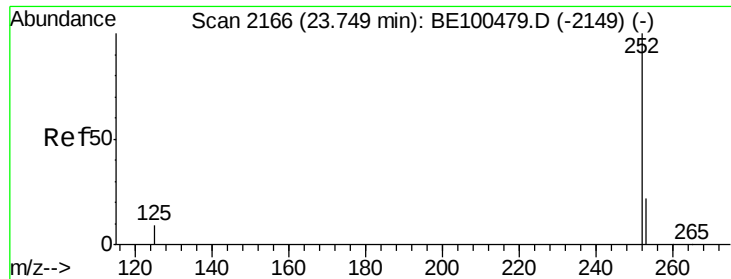


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 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

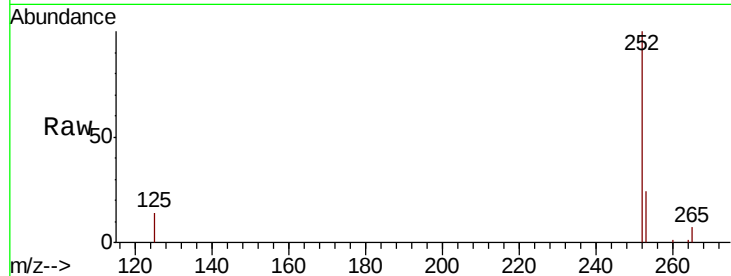
Tgt Ion:252 Resp: 23438

Ion Ratio Lower Upper

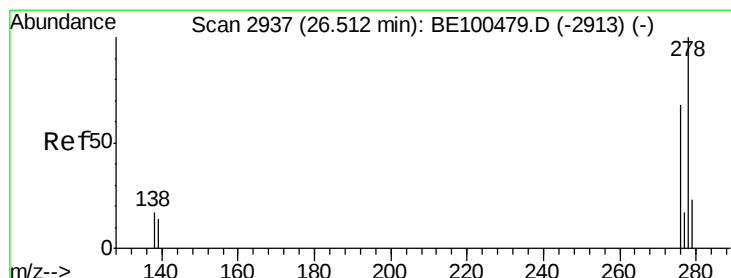
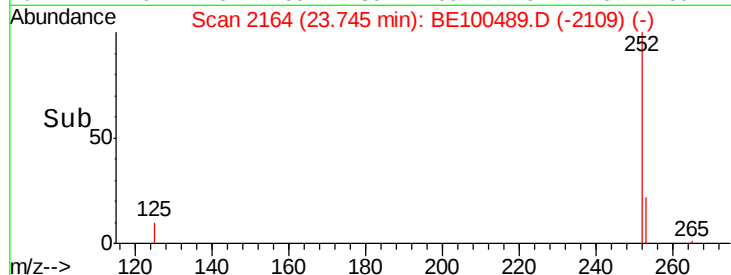
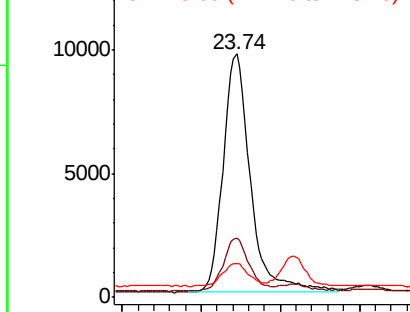
252 100

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

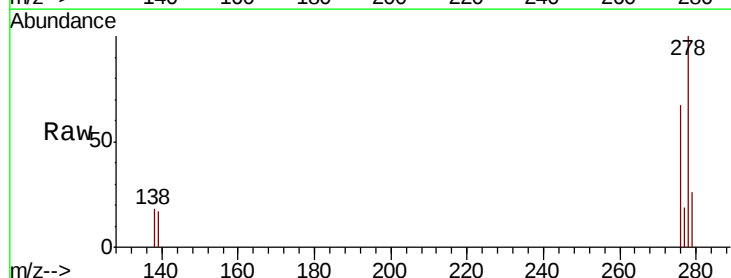
Tgt Ion:278 Resp: 21919

Ion Ratio Lower Upper

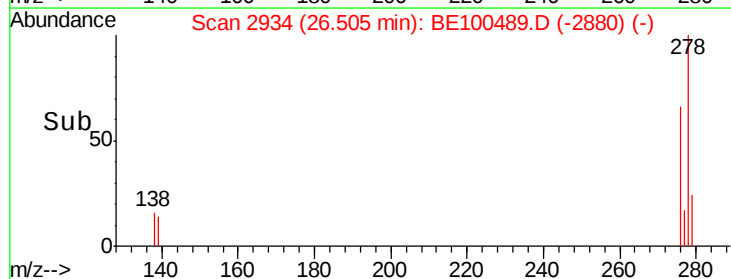
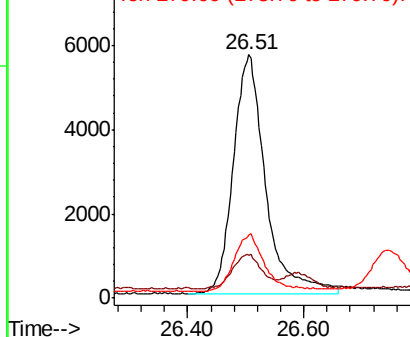
278 100

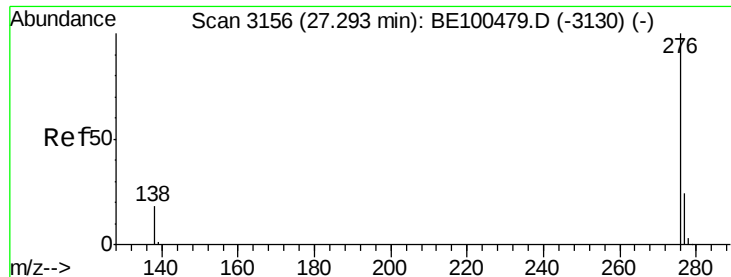
139 17.3 16.8 25.2

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(g,h,i)perylene

Concen: 0.390 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BE100489.D

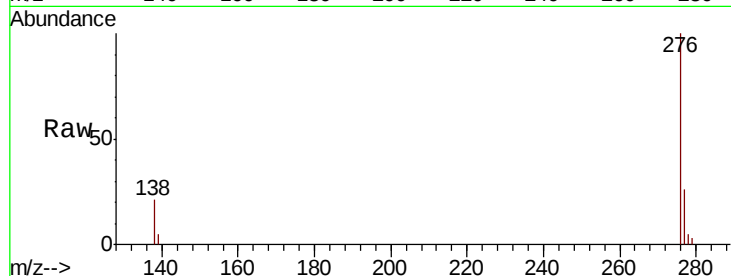
Acq: 22 Jul 2019 21:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt 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

