

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100504.D
 Acq On : 23 Jul 2019 16:47
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 24 02:07:34 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	2816	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	11198	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	6866	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	18150	0.40	ng	0.00
27) Chrysene-d12	21.38	240	19551	0.40	ng	0.00
34) Perylene-d12	23.85	264	21799	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	3100	0.45	ng	0.00
5) Phenol-d6	7.03	99	4307	0.44	ng	0.00
8) Nitrobenzene-d5	9.02	82	4288	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7015	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1427	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	10767	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	92085	0.37	ng	0.00
29) Terphenyl-d14	19.83	244	19421	0.40	ng	0.00

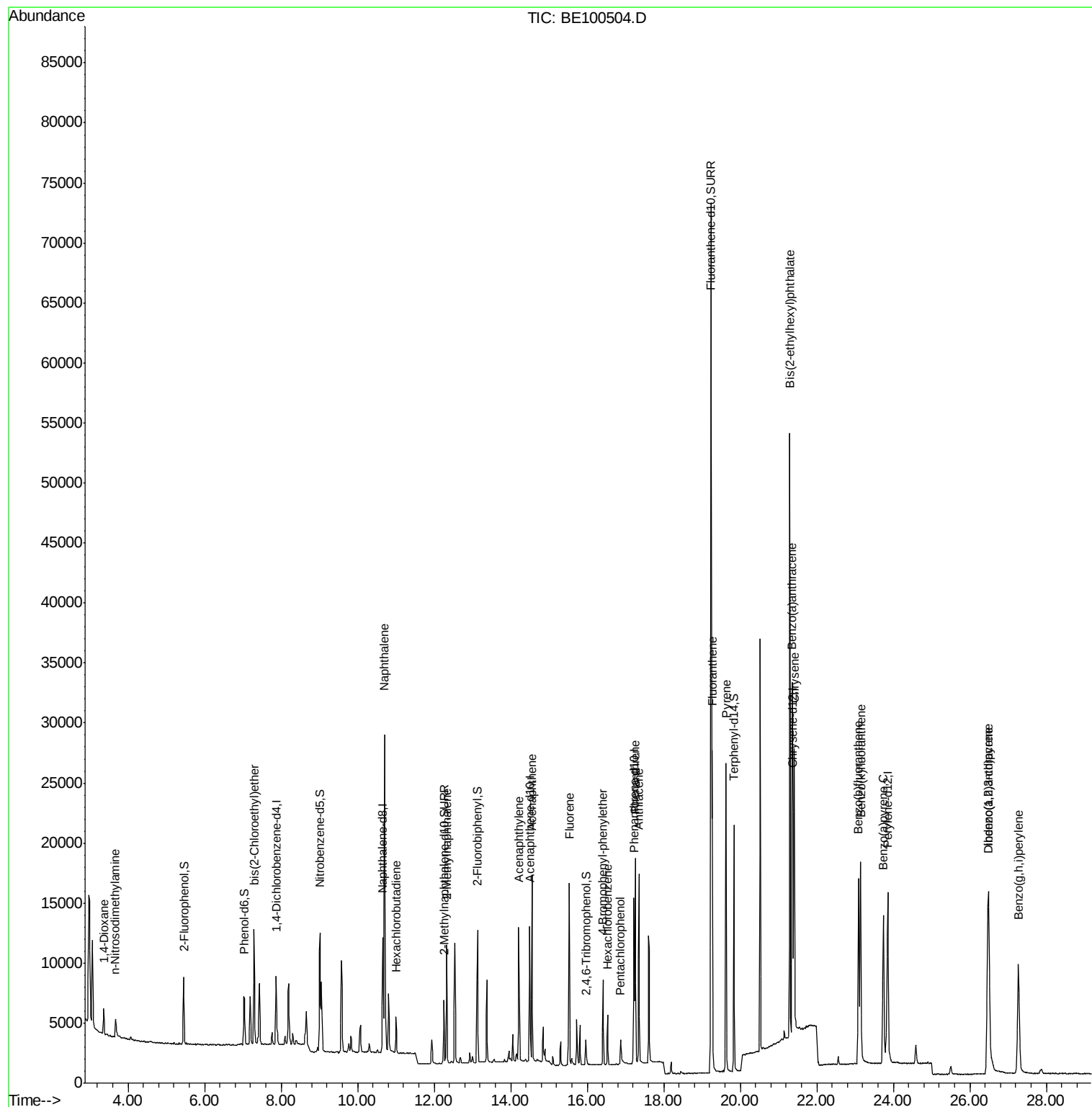
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.36	88	1772	0.393	ng	99
3) n-Nitrosodimethylamine	3.67	42	1282	0.497	ng	# 97
6) bis(2-Chloroethyl)ether	7.29	93	3432	0.408	ng	97
9) Naphthalene	10.70	128	41983	0.390	ng	100
10) Hexachlorobutadiene	11.00	225	2003	0.390	ng	98
12) 2-Methylnaphthalene	12.32	142	7248	0.375	ng	98
16) Acenaphthylene	14.21	152	12446	0.392	ng	99
17) Acenaphthene	14.56	154	7238	0.379	ng	98
18) Fluorene	15.53	166	9917	0.389	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	3343	0.387	ng	# 81
21) Hexachlorobenzene	16.53	284	3315	0.373	ng	97
22) Pentachlorophenol	16.87	266	1695	0.512	ng	94
23) Phenanthrene	17.25	178	17414	0.392	ng	100
24) Anthracene	17.35	178	16534	0.390	ng	99
26) Fluoranthene	19.26	202	23920	0.373	ng	99
28) Pyrene	19.63	202	24984	0.410	ng	100
30) Benzo(a)anthracene	21.35	228	23293	0.390	ng	97
31) Chrysene	21.41	228	23901	0.406	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	57544	0.420	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	26469	0.412	ng	100
35) Benzo(b)fluoranthene	23.09	252	23348	0.391	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	24072	0.385	ng	98
37) Benzo(a)pyrene	23.74	252	22668	0.391	ng	# 94
38) Dibenzo(a,h)anthracene	26.50	278	21435	0.391	ng	94
39) Benzo(g,h,i)perylene	27.27	276	21763	0.388	ng	97

(#) = 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: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

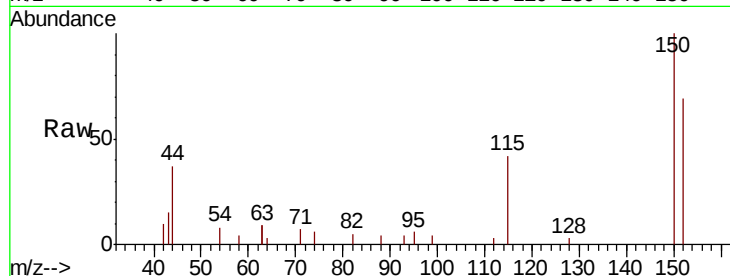
Tgt Ion:152 Resp: 2816

Ion Ratio Lower Upper

152 100

150 145.1 115.0 172.6

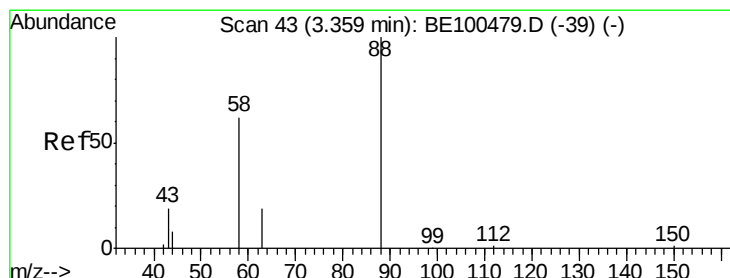
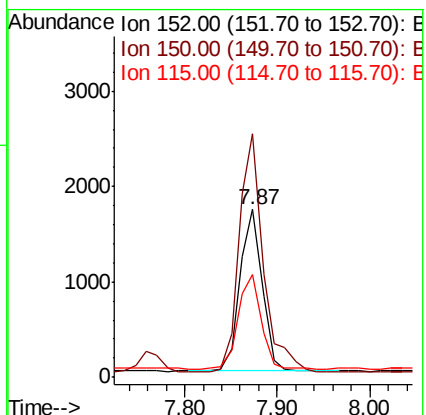
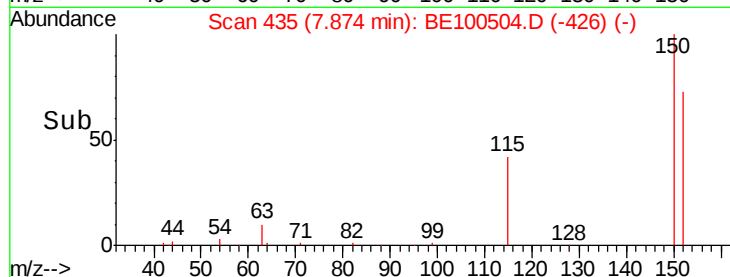
115 61.4 52.9 79.3



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: 0.393 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

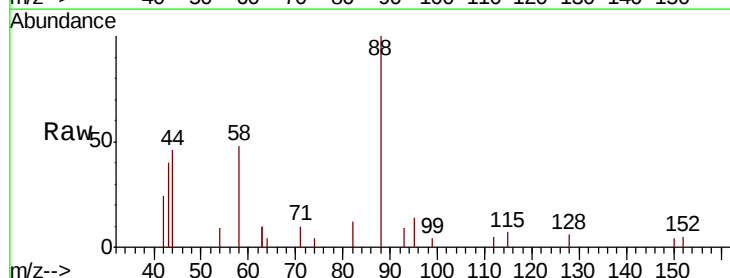
Tgt Ion: 88 Resp: 1772

Ion Ratio Lower Upper

88 100

58 66.9 53.2 79.8

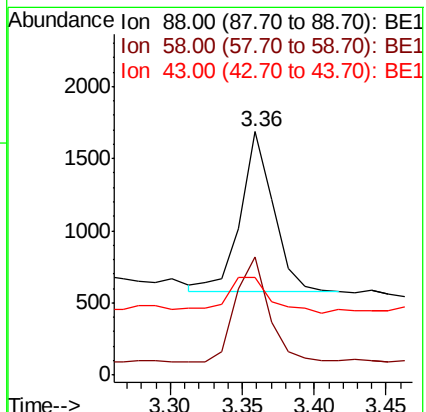
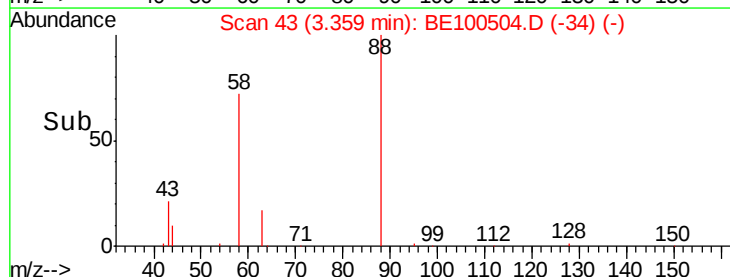
43 28.0 20.8 31.2

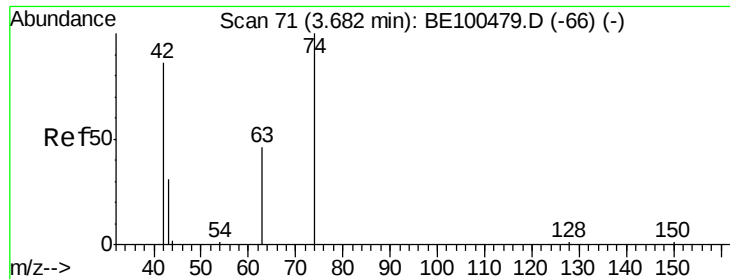


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.497 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

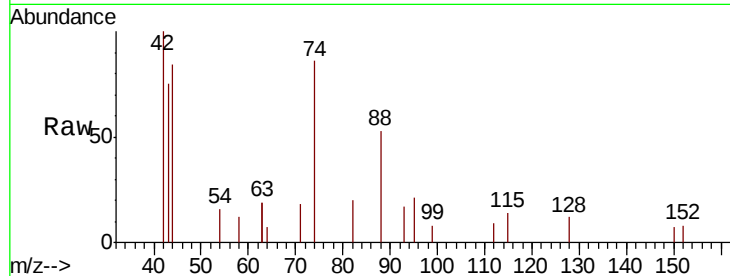
Tgt Ion: 42 Resp: 1282

Ion Ratio Lower Upper

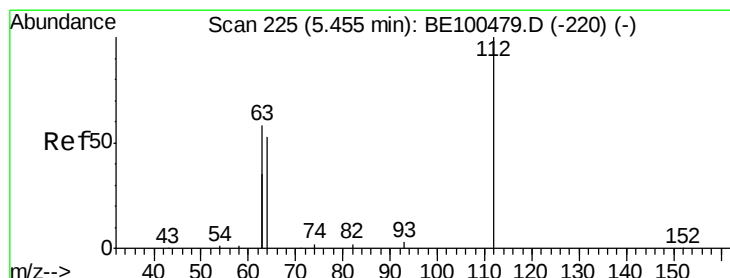
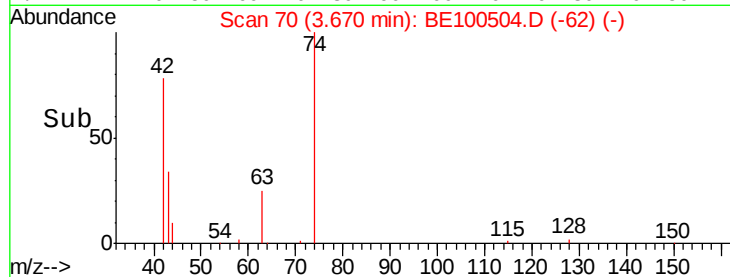
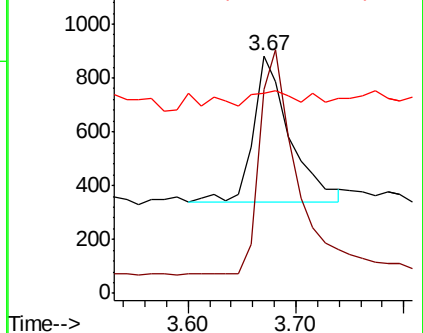
42 100

74 150.5 0.0 0.0#

44 10.9 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: 0.451 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

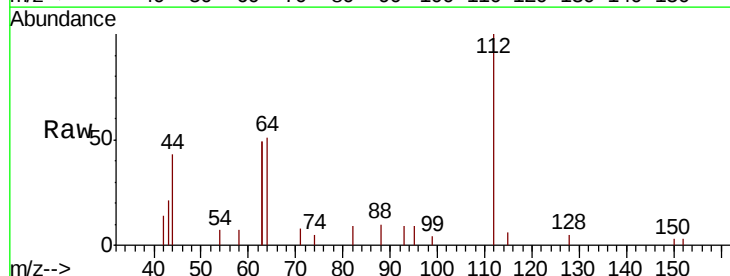
Tgt Ion: 112 Resp: 3100

Ion Ratio Lower Upper

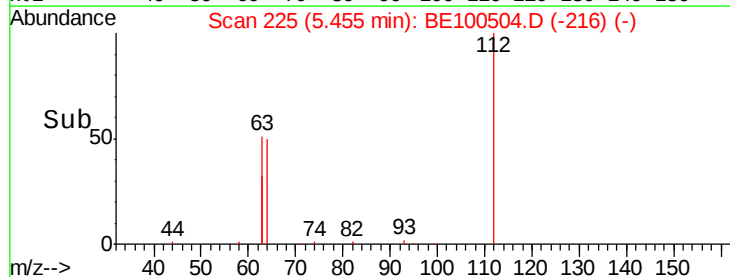
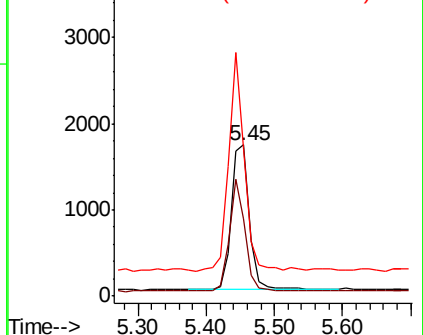
112 100

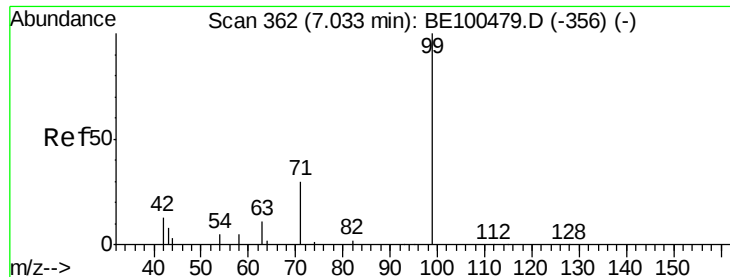
64 67.6 54.1 81.1

63 131.6 104.6 157.0



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: 0.439 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

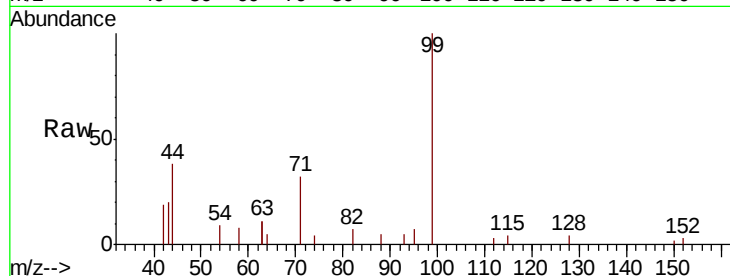
Tgt Ion: 99 Resp: 4307

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

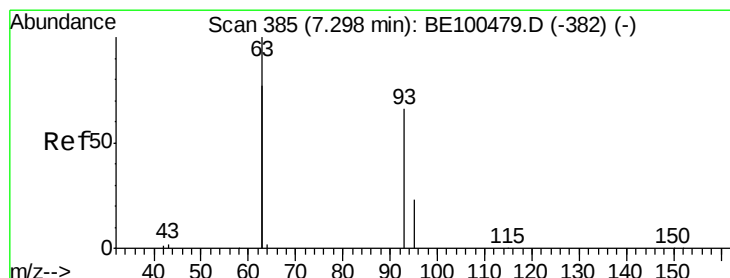
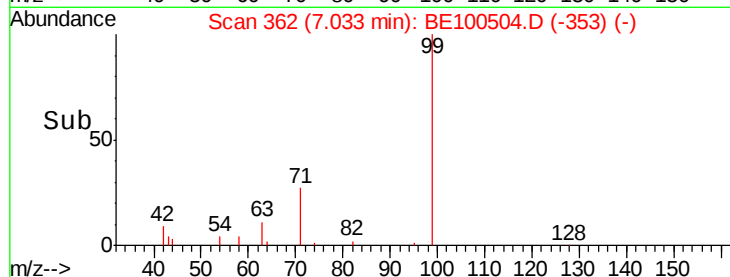
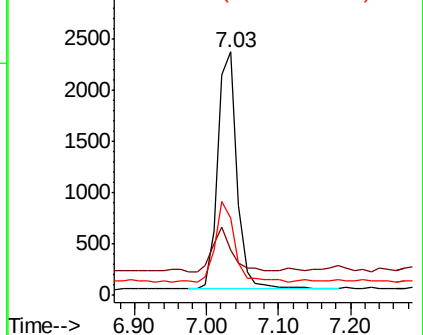
71 34.5 26.4 39.6



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: 0.408 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

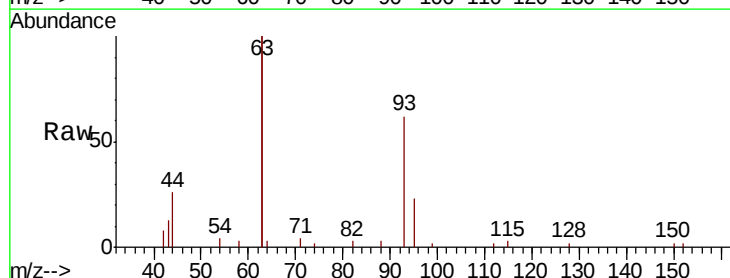
Tgt Ion: 93 Resp: 3432

Ion Ratio Lower Upper

93 100

63 315.7 248.3 372.5

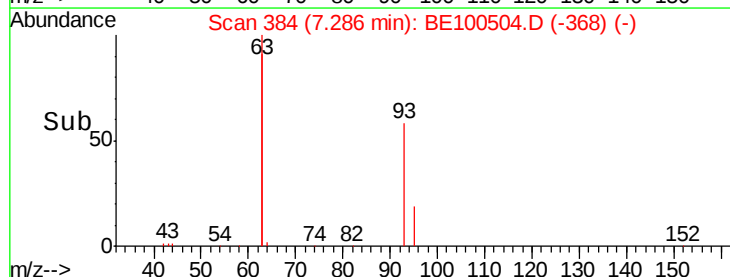
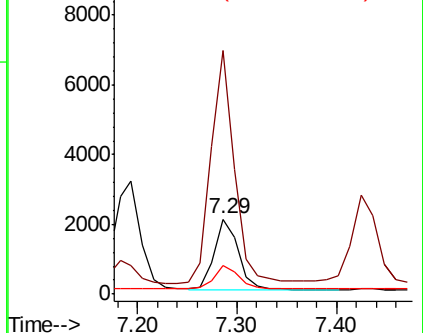
95 33.5 25.4 38.0

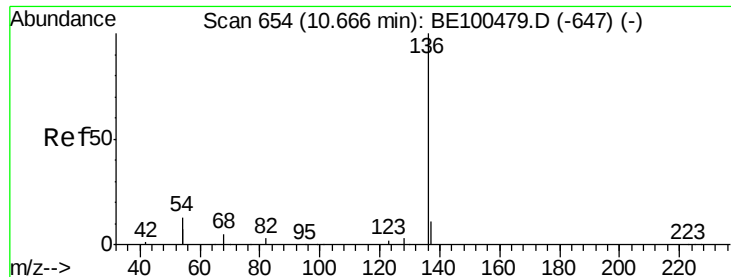


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 11198

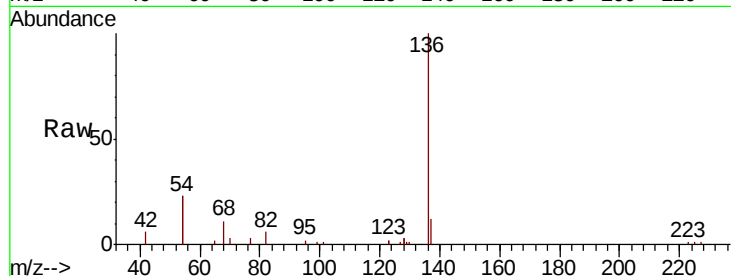
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.6

54 45.8 20.6 31.0#

68 10.8 5.3 7.9#

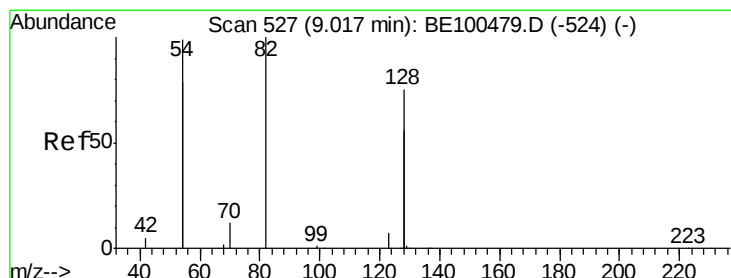
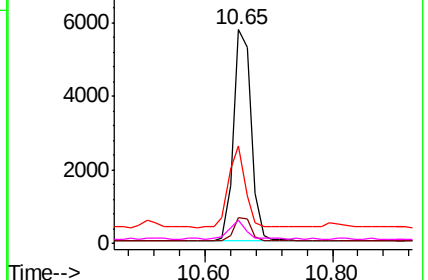
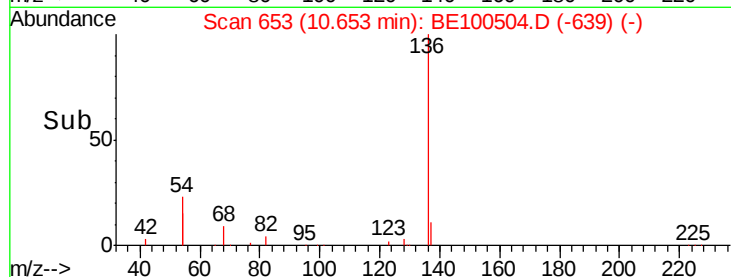


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.461 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

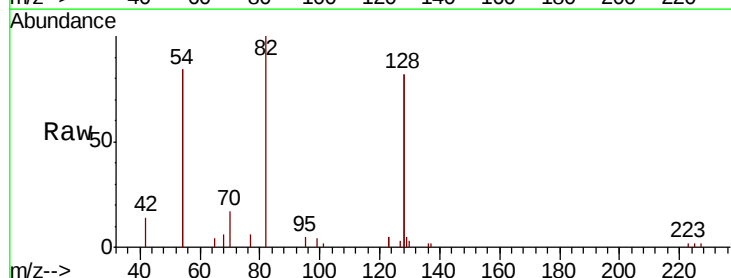
Tgt Ion: 82 Resp: 4288

Ion Ratio Lower Upper

82 100

128 163.9 113.6 170.4

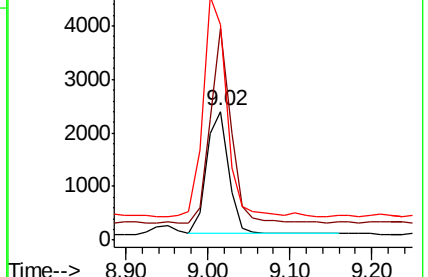
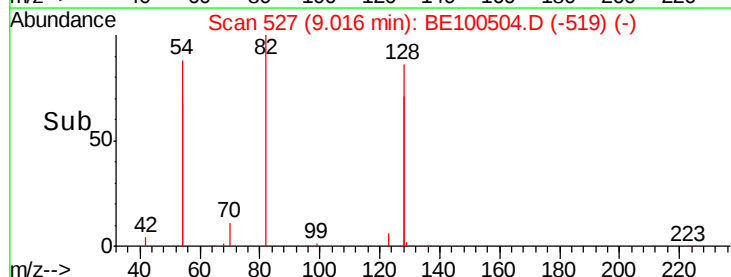
54 167.4 150.6 226.0

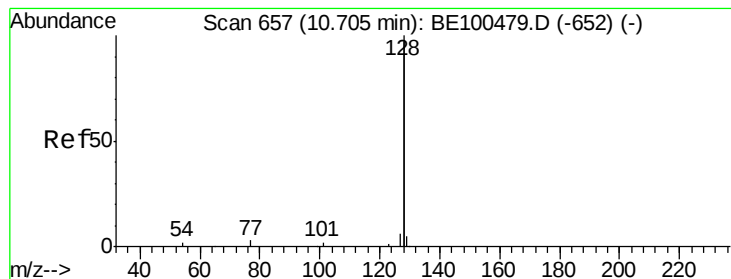


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.390 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

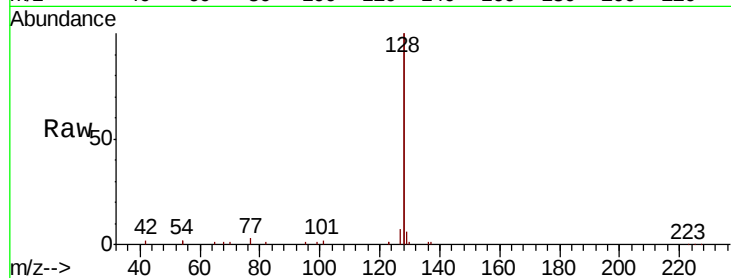
Tgt Ion:128 Resp: 41983

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

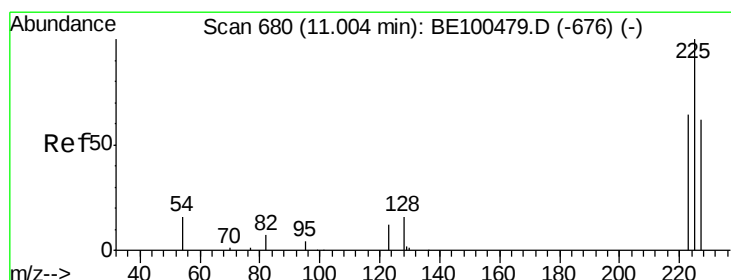
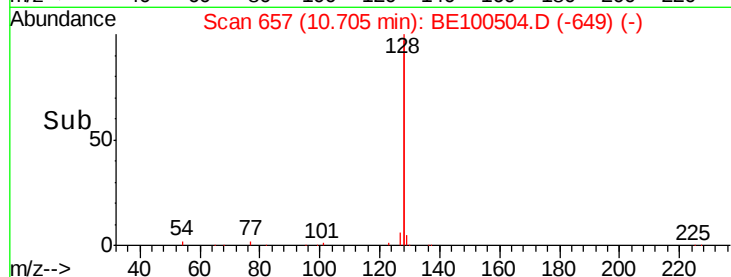
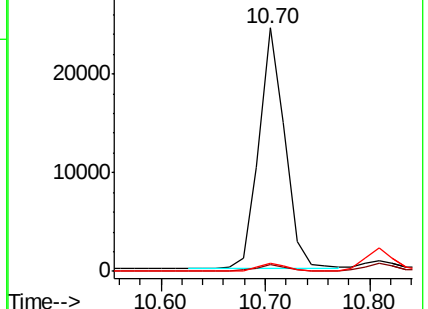
127 3.5 2.7 4.1



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: 0.390 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

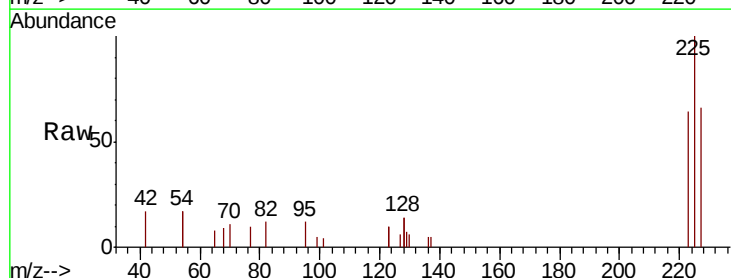
Tgt Ion:225 Resp: 2003

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.0

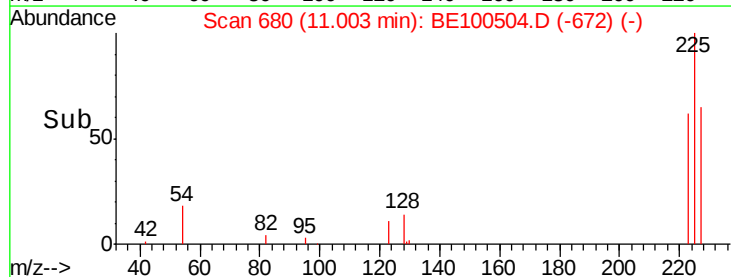
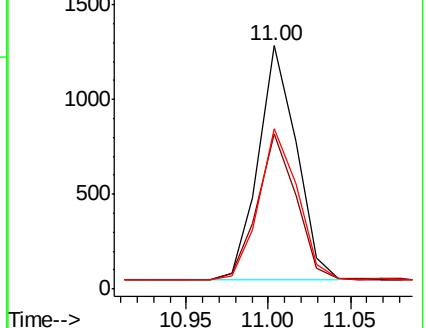
227 65.9 51.4 77.2

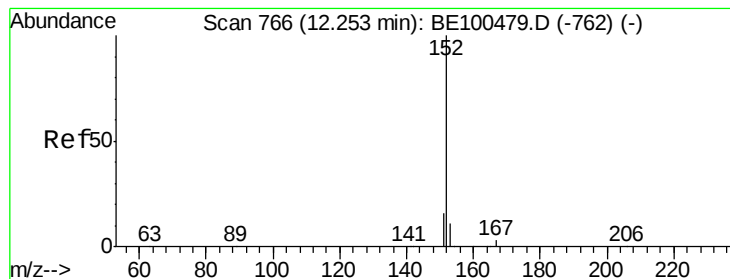


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

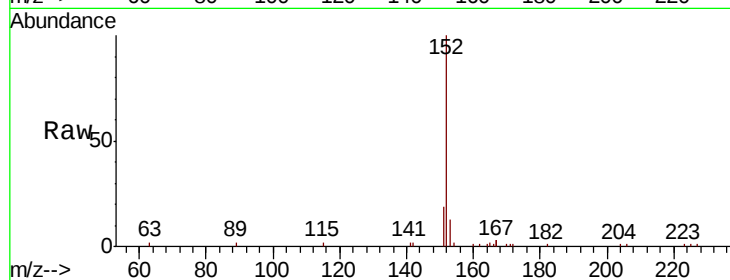
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7015

Ion Ratio Lower Upper

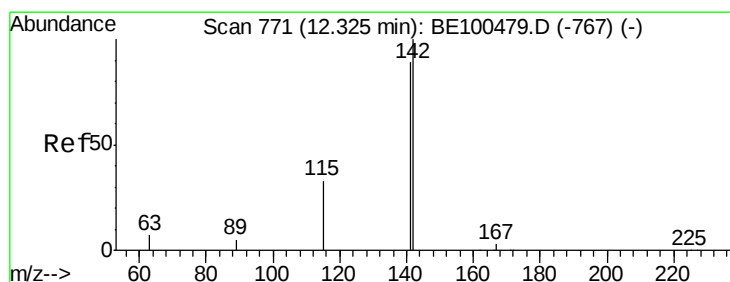
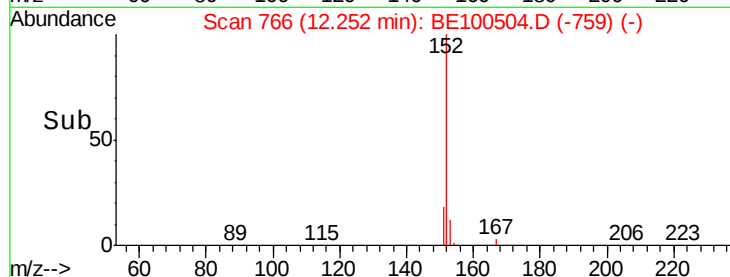
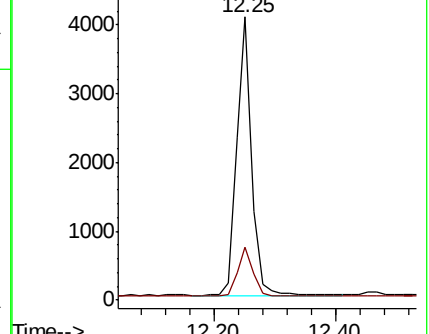
152 100

151 19.0 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: 0.375 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

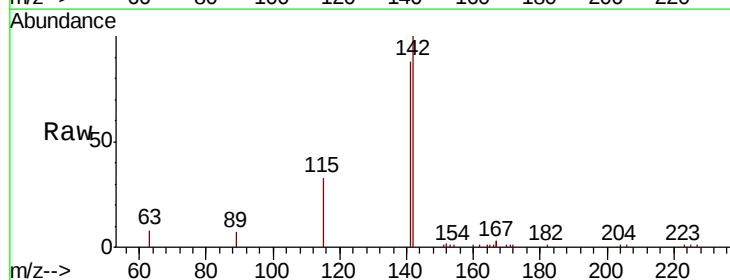
Tgt Ion:142 Resp: 7248

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

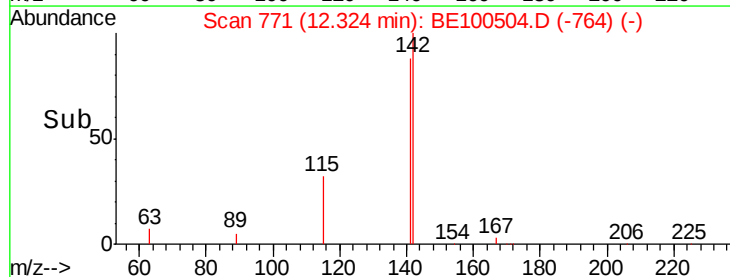
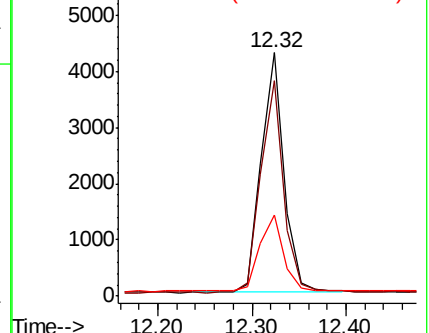
115 33.4 27.8 41.6

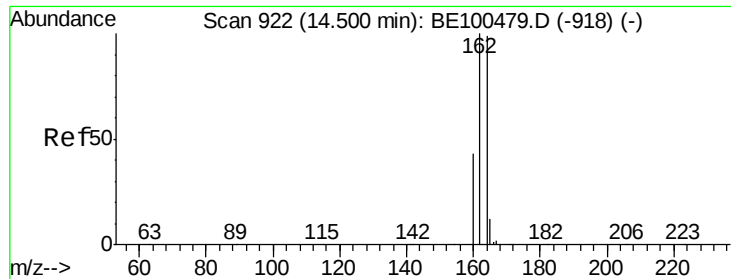


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

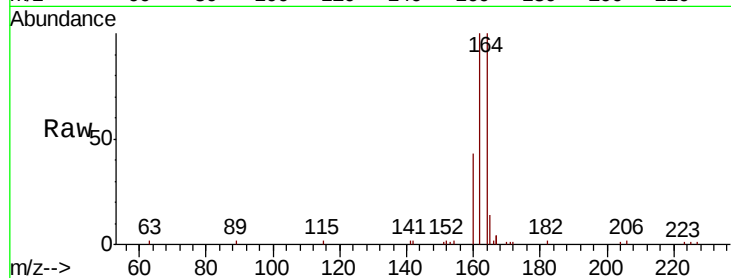




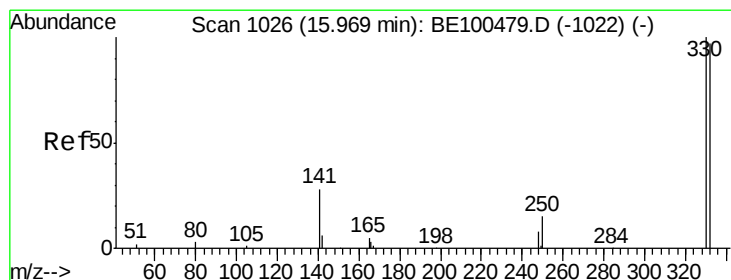
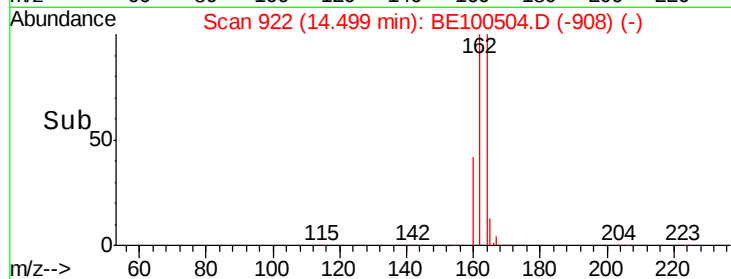
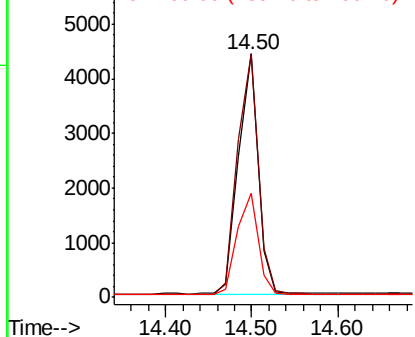
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6866
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 42.6 34.9 52.3

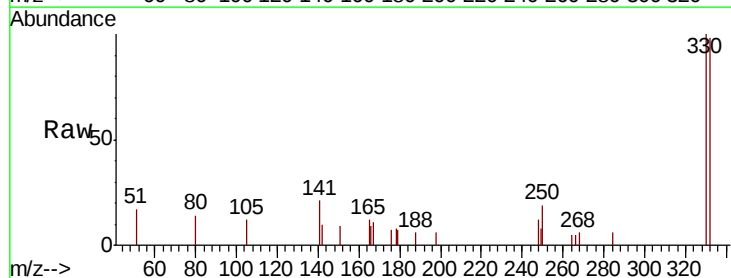


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

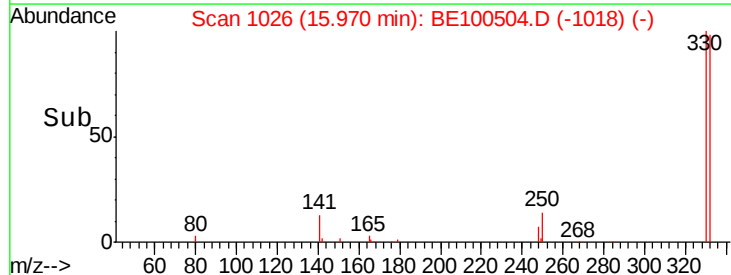
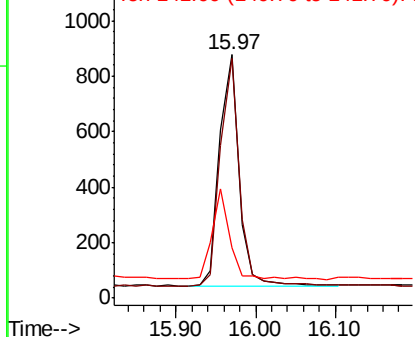


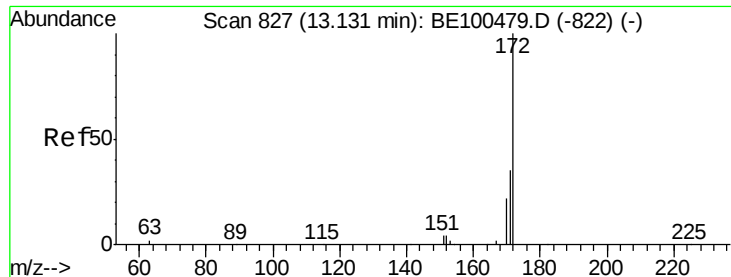
#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:330 Resp: 1427
Ion Ratio Lower Upper
330 100
332 96.8 80.5 120.7
141 36.7 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

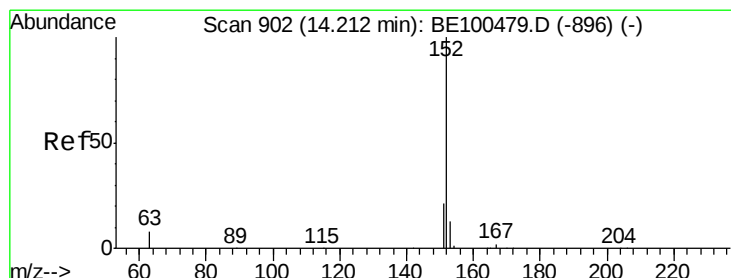
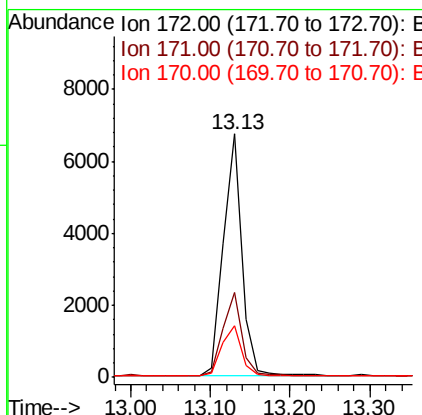
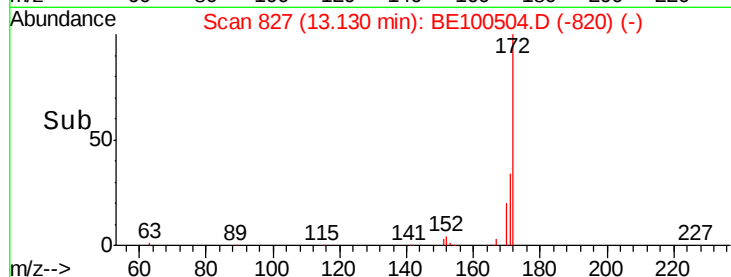
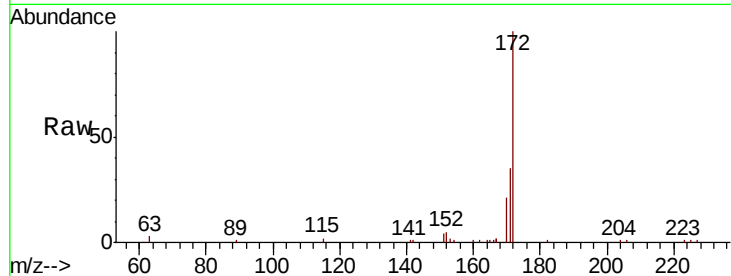




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

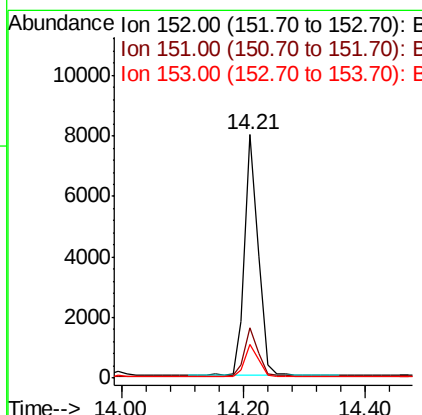
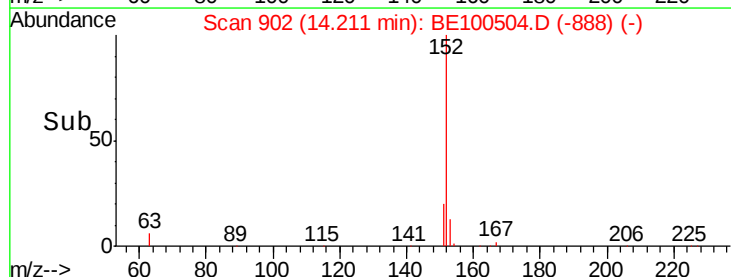
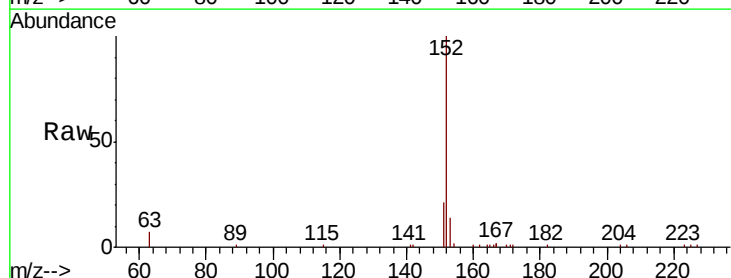
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

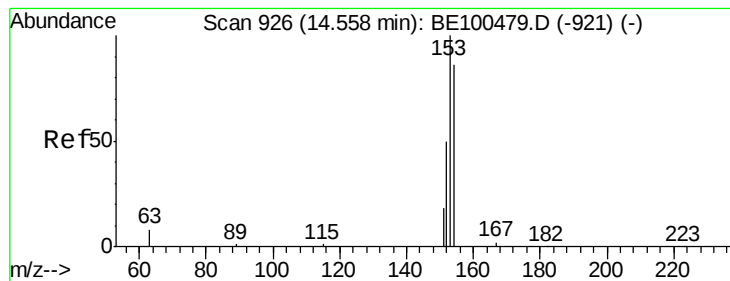
Tgt Ion:172 Resp: 10767
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 21.1 17.8 26.8



#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:152 Resp: 12446
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

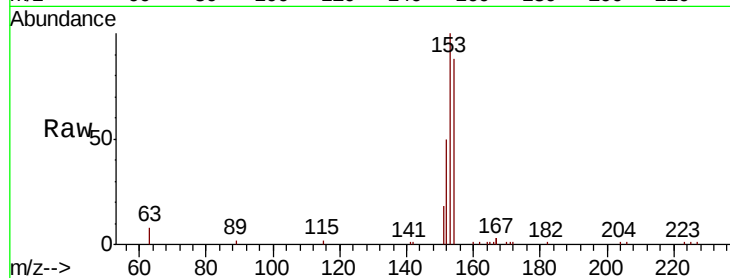
Tgt Ion:154 Resp: 7238

Ion Ratio Lower Upper

154 100

153 115.1 90.8 136.2

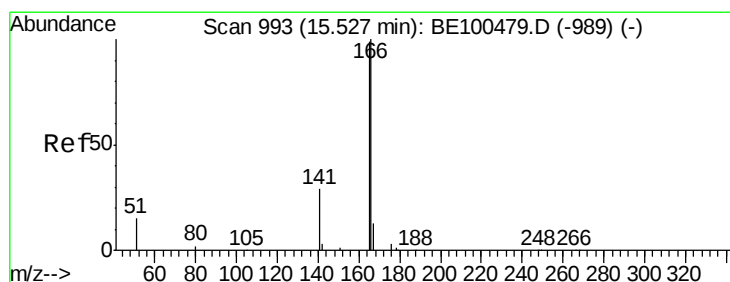
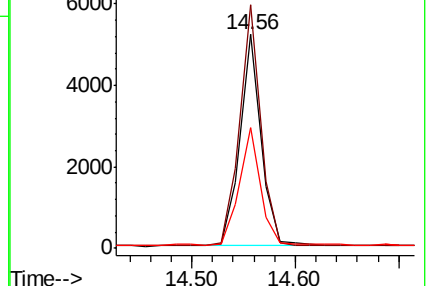
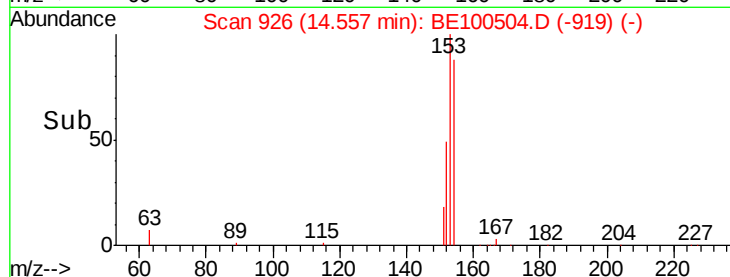
152 55.3 45.1 67.7



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: 0.389 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

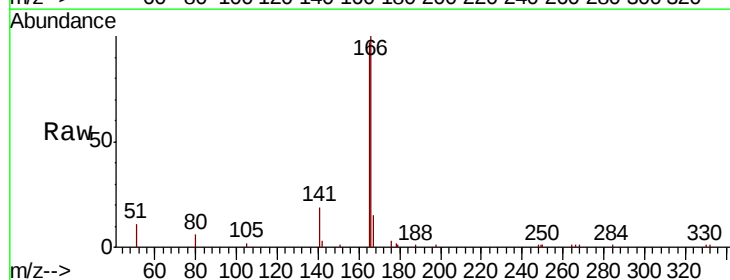
Tgt Ion:166 Resp: 9917

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

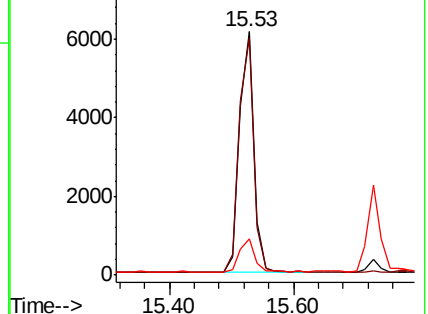
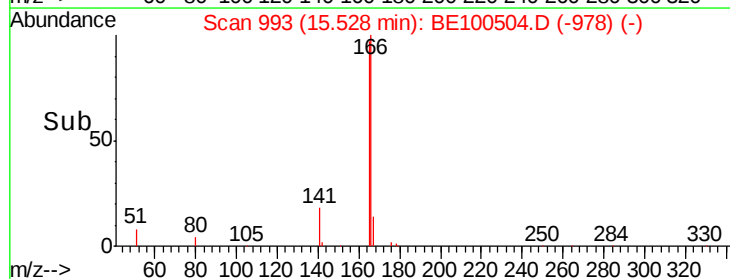
167 14.1 10.9 16.3

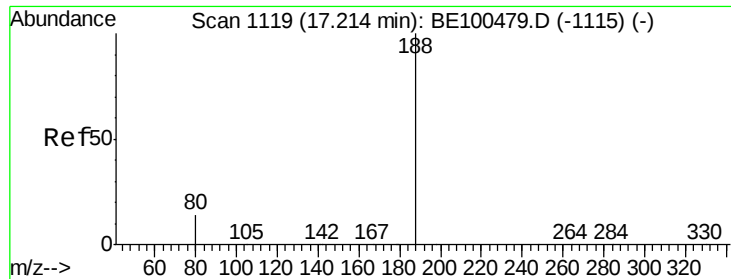


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

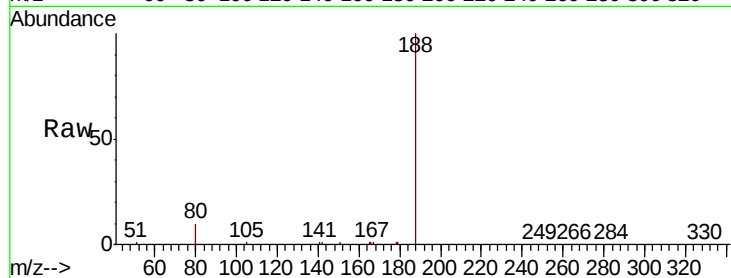
Tgt Ion:188 Resp: 18150

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

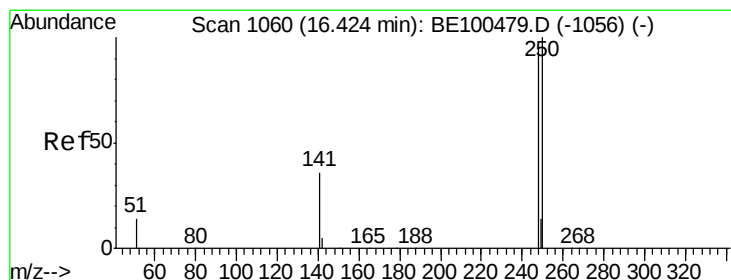
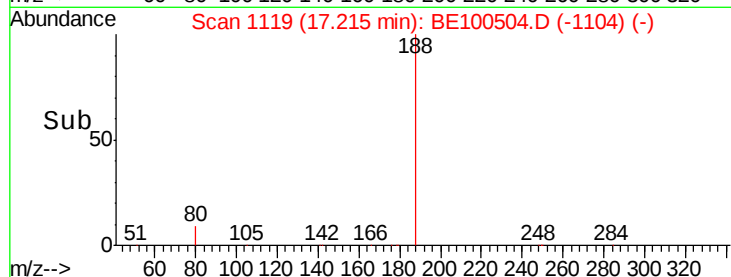
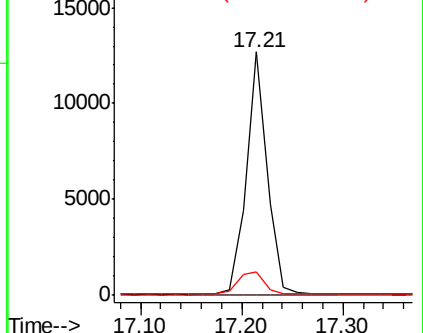
80 9.7 11.9 17.9#



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: 0.387 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

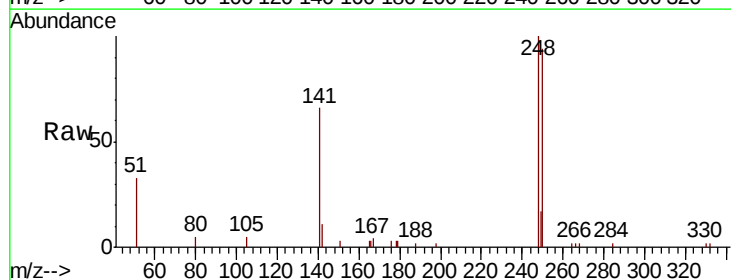
Tgt Ion:248 Resp: 3343

Ion Ratio Lower Upper

248 100

250 94.0 84.4 126.6

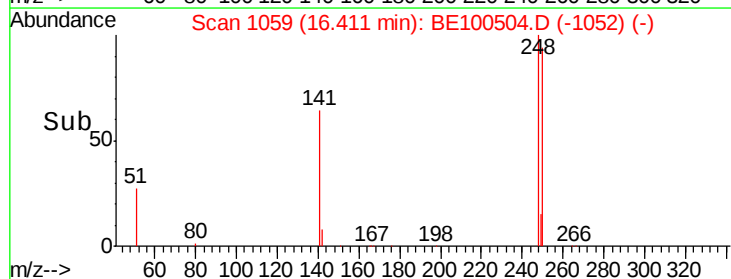
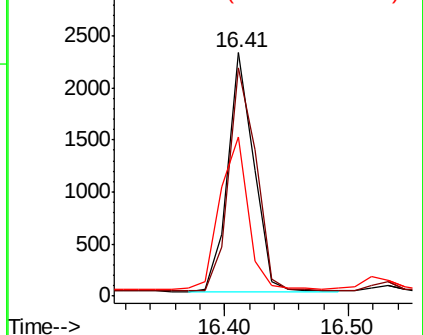
141 65.6 32.2 48.2#

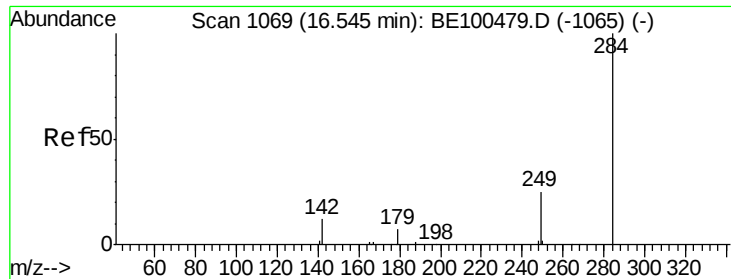


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

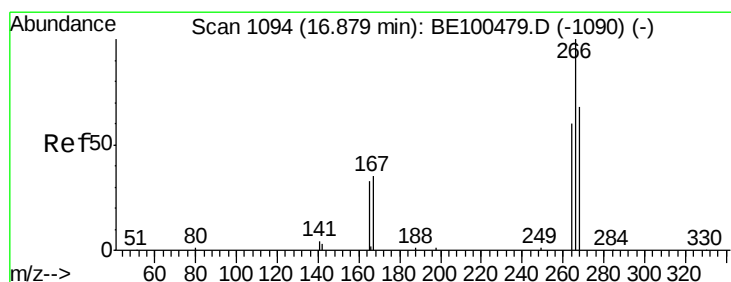
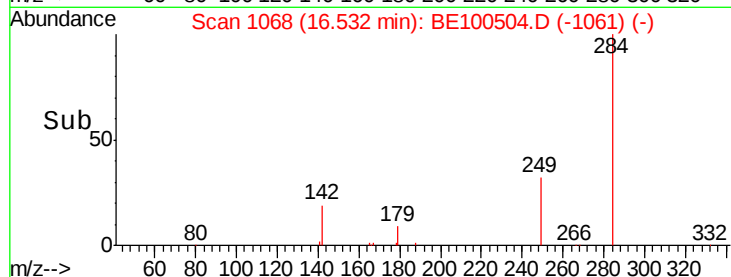
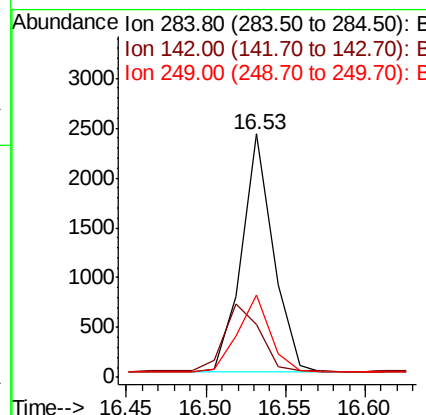
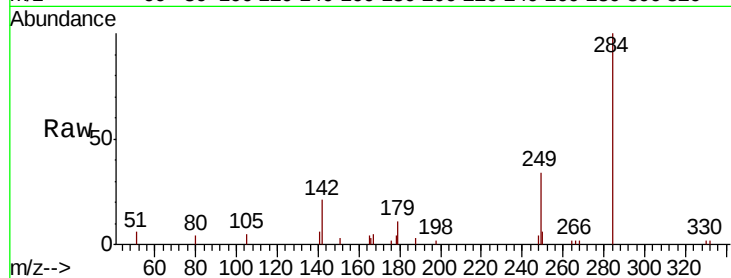




#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

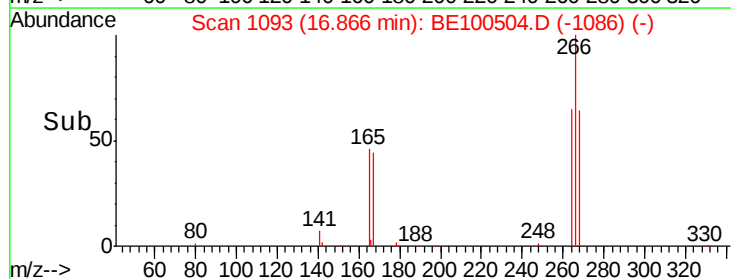
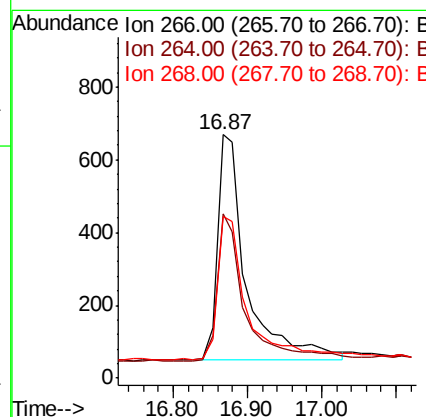
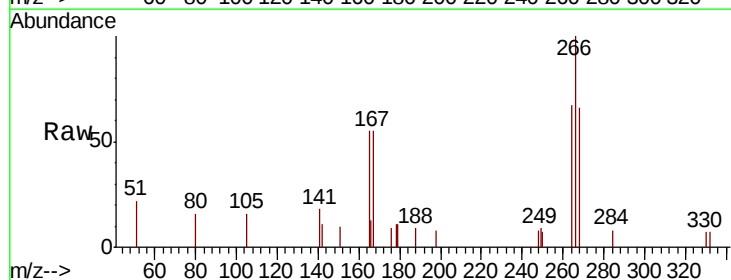
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

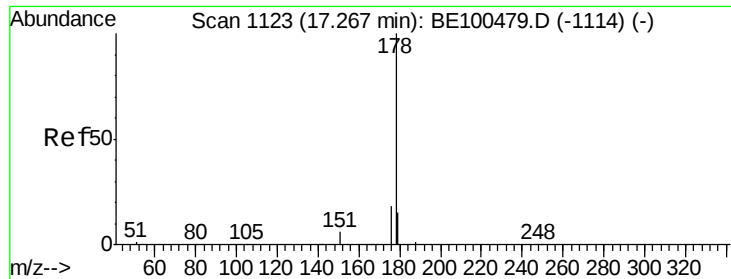
Tgt Ion: 284 Resp: 3315
Ion Ratio Lower Upper
284 100
142 31.9 26.7 40.1
249 33.3 25.0 37.4



#22
Pentachlorophenol
Concen: 0.512 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion: 266 Resp: 1695
Ion Ratio Lower Upper
266 100
264 67.4 50.4 75.6
268 66.2 56.6 85.0

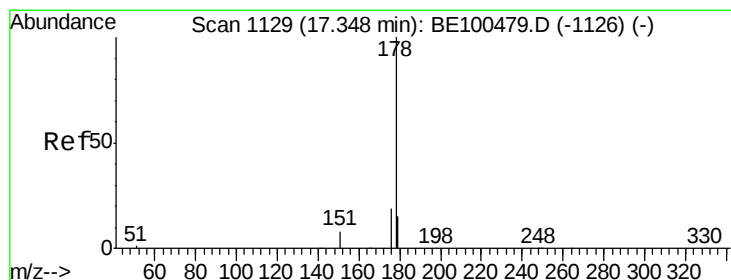
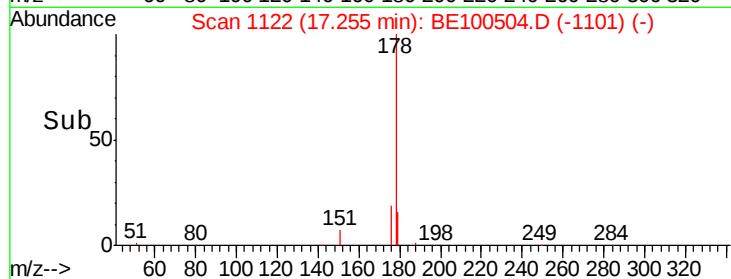
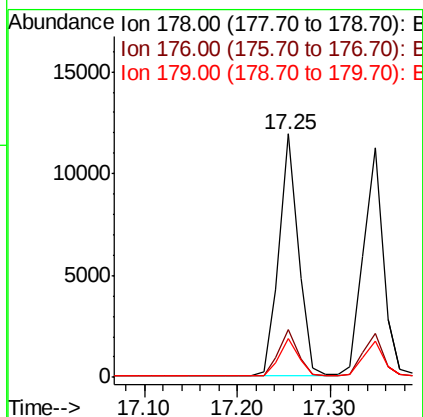
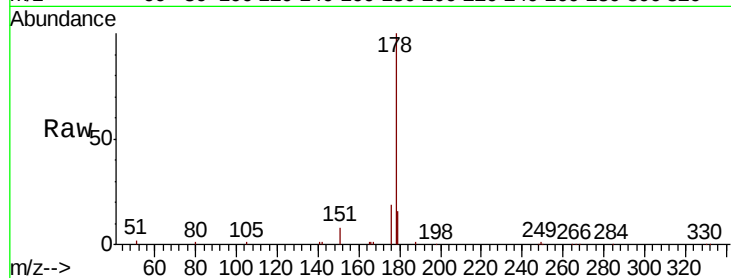




#23
Phenanthrene
Concen: 0.392 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

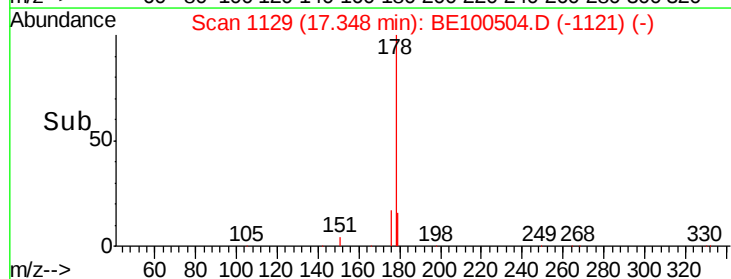
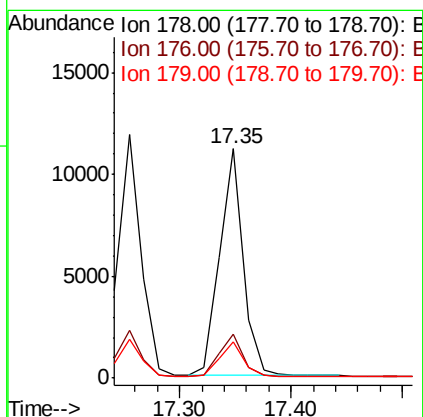
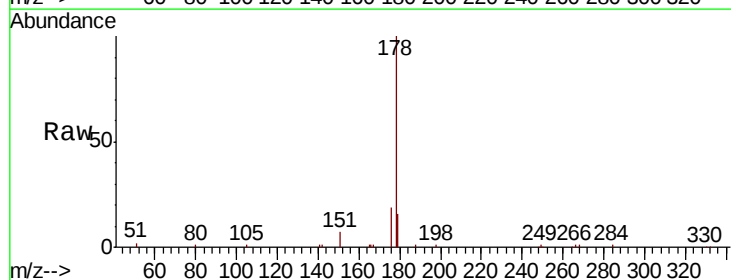
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

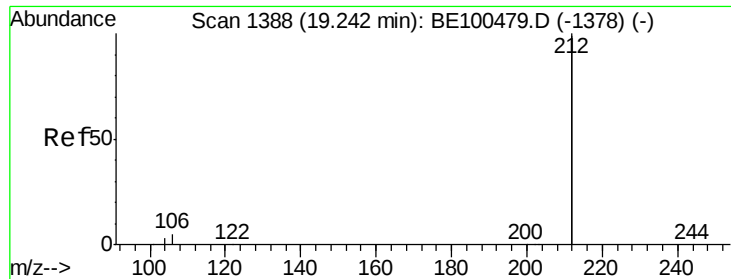
Tgt Ion:178 Resp: 17414
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 18.8



#24
Anthracene
Concen: 0.390 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:178 Resp: 16534
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.7 12.2 18.2

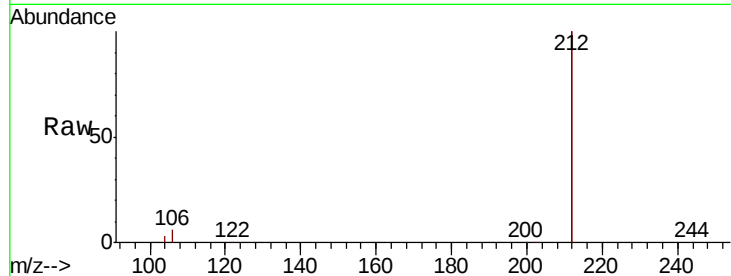




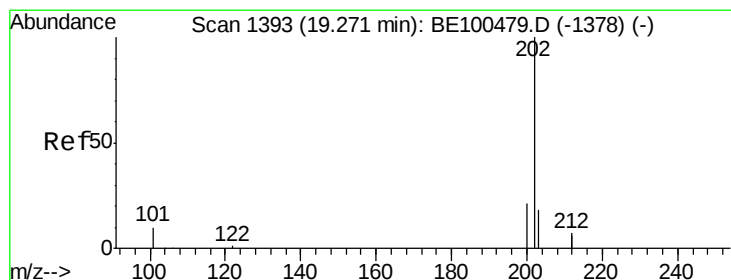
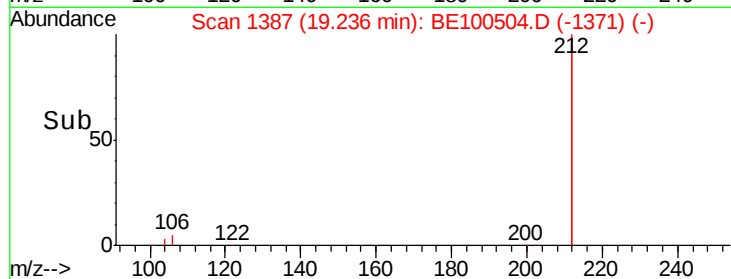
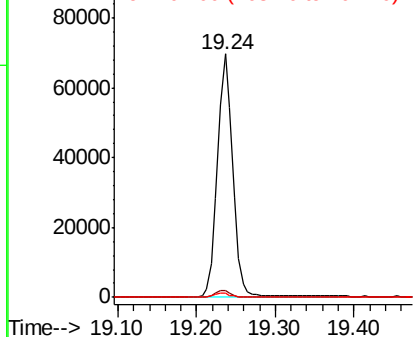
#25
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE100504.D
 Acq: 23 Jul 2019 16:47

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 212 Resp: 92085
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.6 1.2 1.8

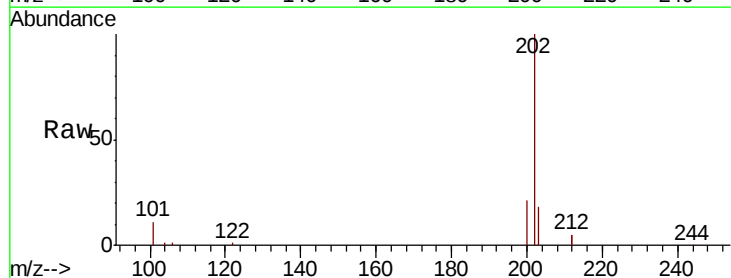


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

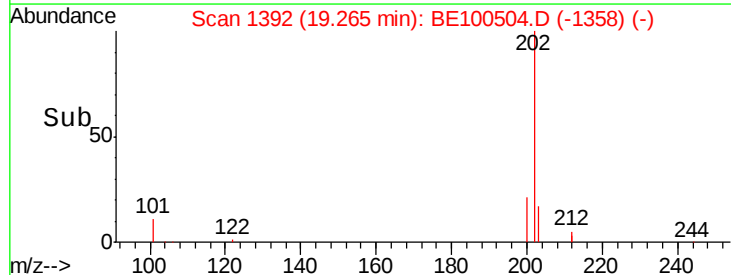
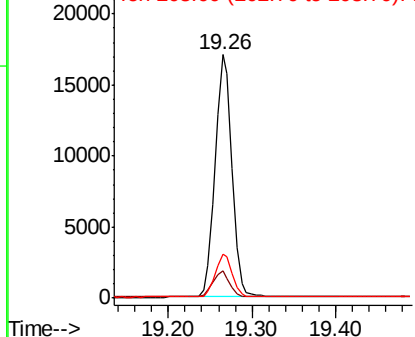


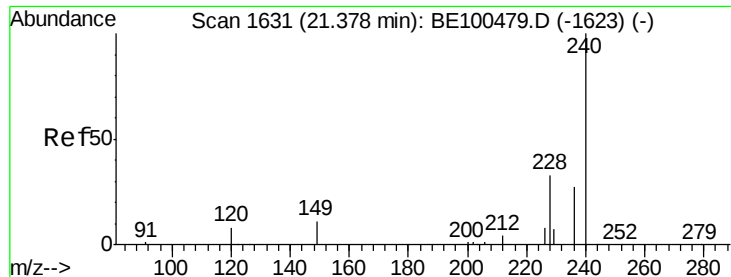
#26
 Fluoranthene
 Concen: 0.373 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE100504.D
 Acq: 23 Jul 2019 16:47

Tgt Ion: 202 Resp: 23920
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.0 12.0
 203 17.4 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

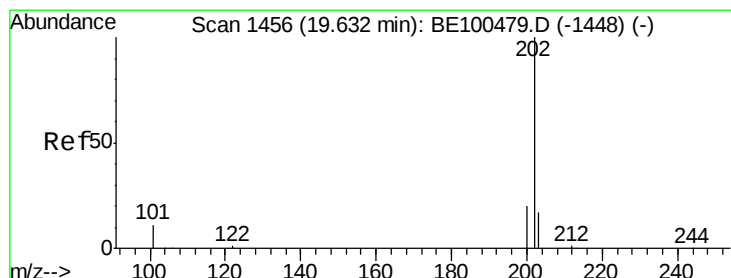
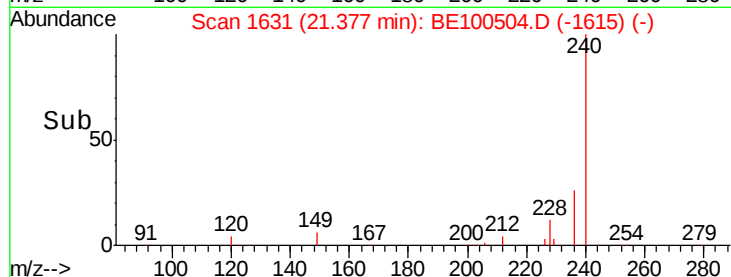
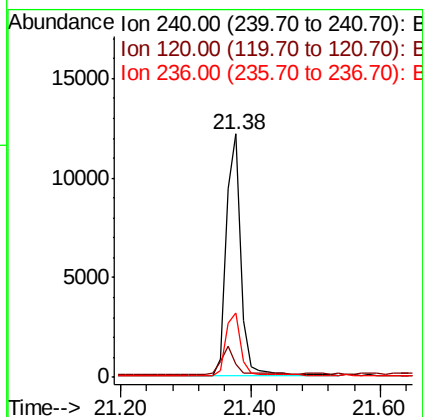
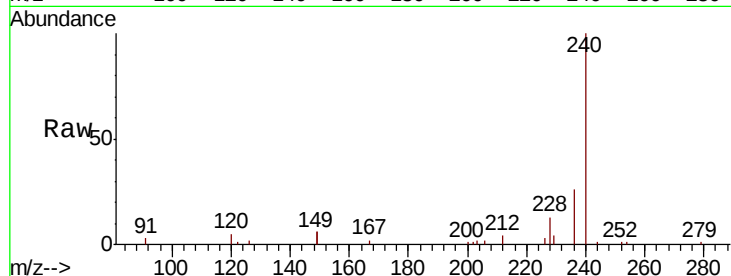




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

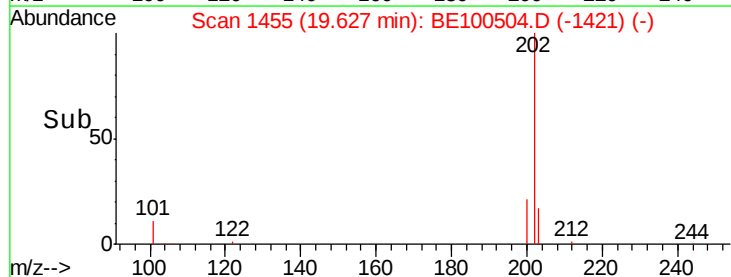
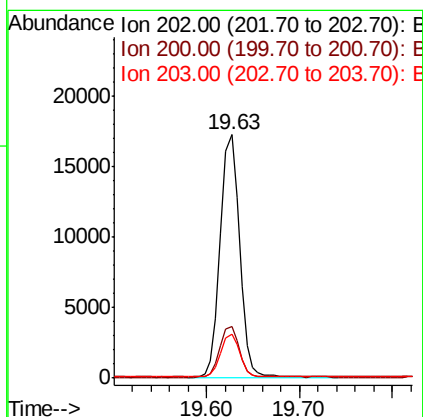
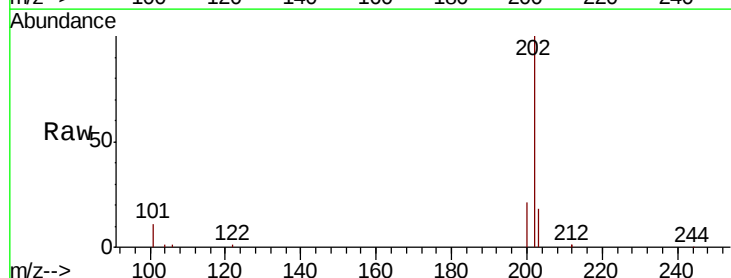
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

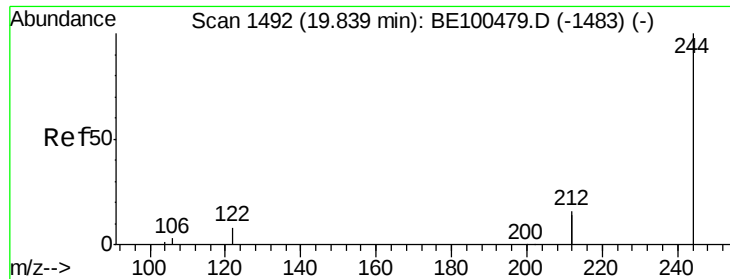
Tgt Ion:240 Resp: 19551
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 26.2 22.6 34.0



#28
Pyrene
Concen: 0.410 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:202 Resp: 24984
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

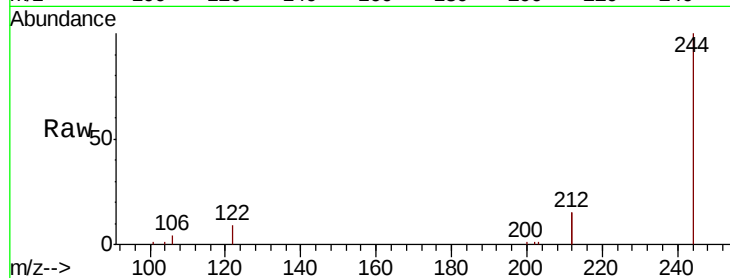
Tgt Ion:244 Resp: 19421

Ion Ratio Lower Upper

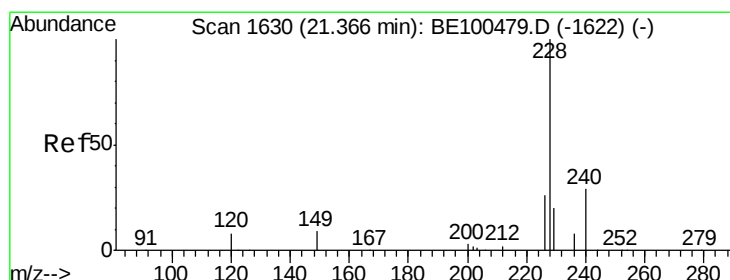
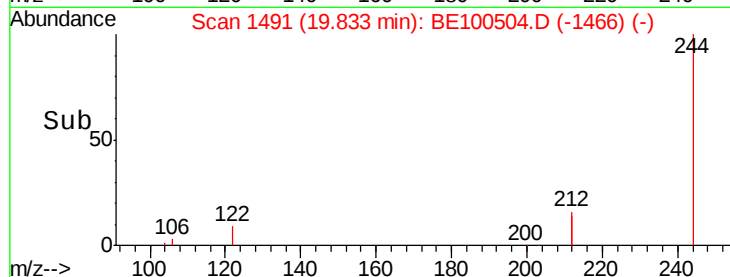
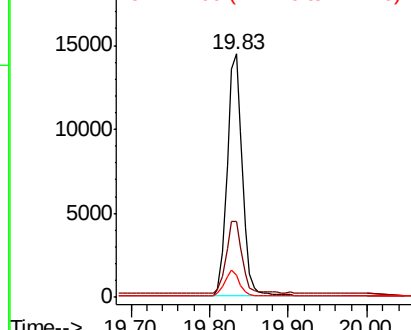
244 100

212 31.0 25.6 38.4

122 9.1 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: 0.390 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

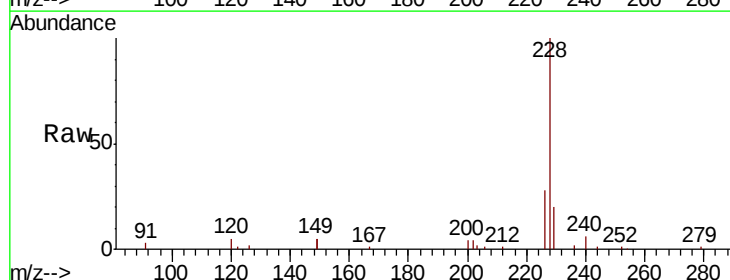
Tgt Ion:228 Resp: 23293

Ion Ratio Lower Upper

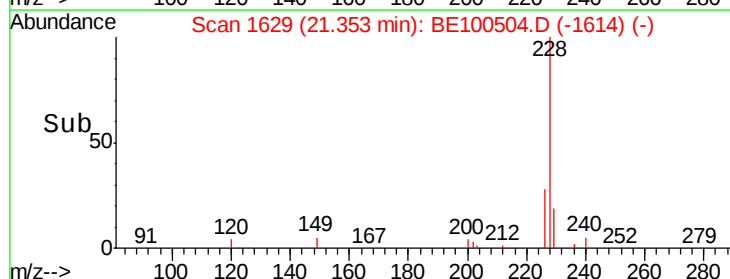
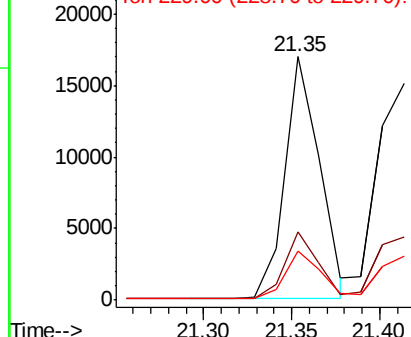
228 100

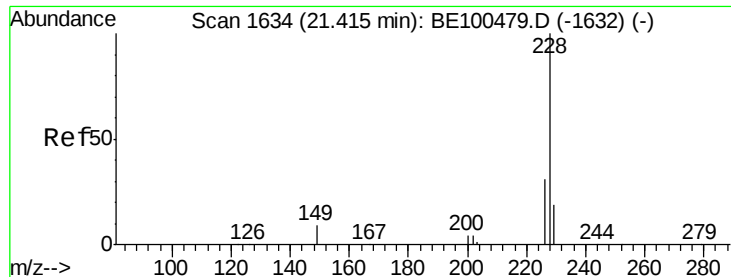
226 28.1 21.4 32.2

229 20.1 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: 0.406 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

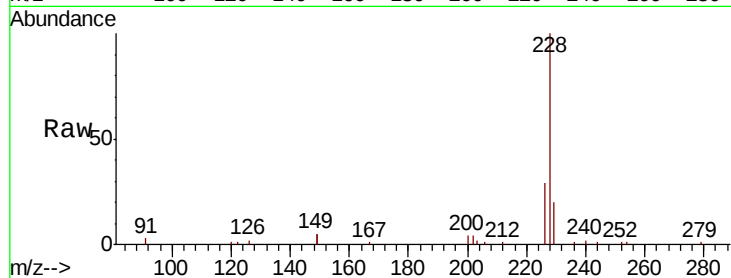
Tgt Ion:228 Resp: 23901

Ion Ratio Lower Upper

228 100

226 28.8 25.0 37.6

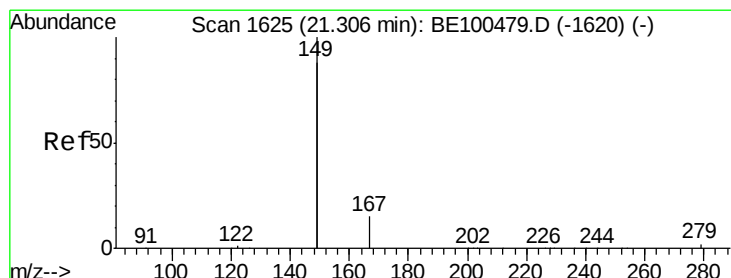
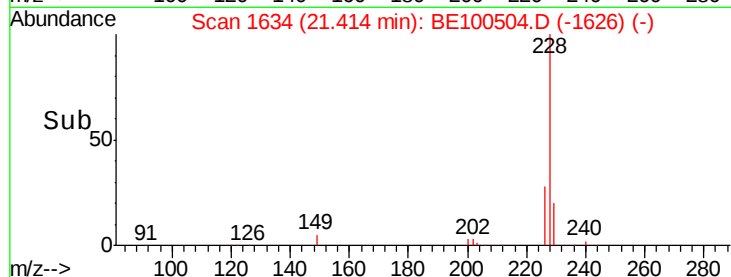
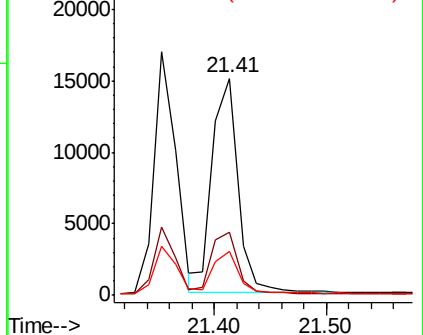
229 20.4 16.7 25.1



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: 0.420 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

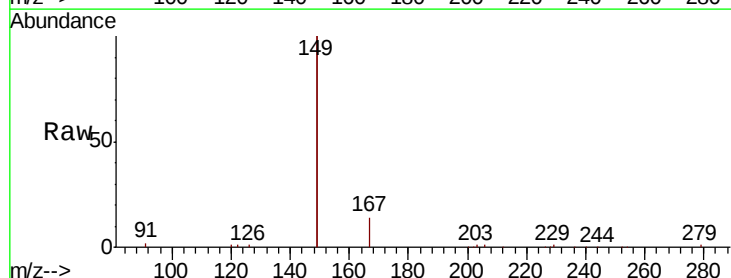
Tgt Ion:149 Resp: 57544

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

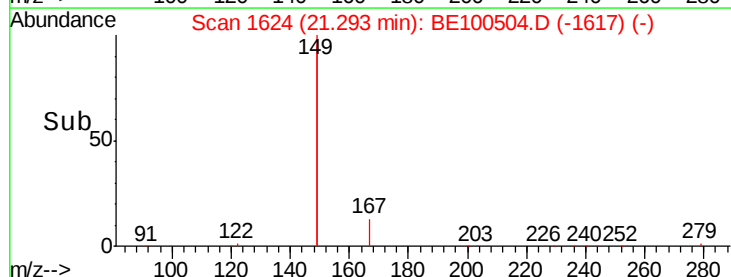
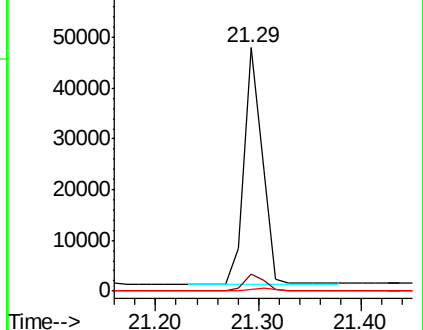
279 1.1 1.0 1.6

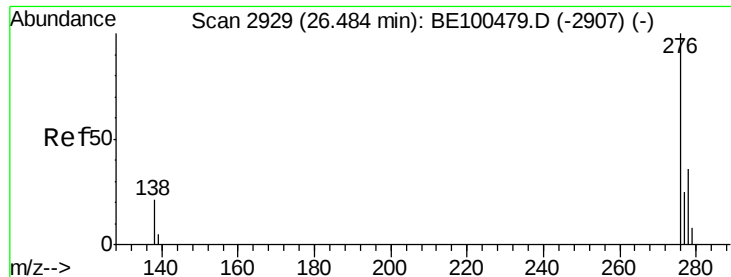


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.412 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

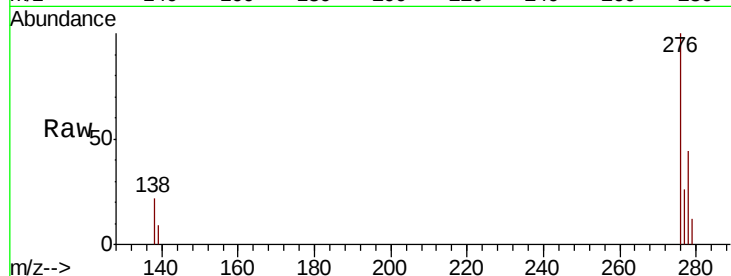
Tgt Ion:276 Resp: 26469

Ion Ratio Lower Upper

276 100

138 20.9 16.6 25.0

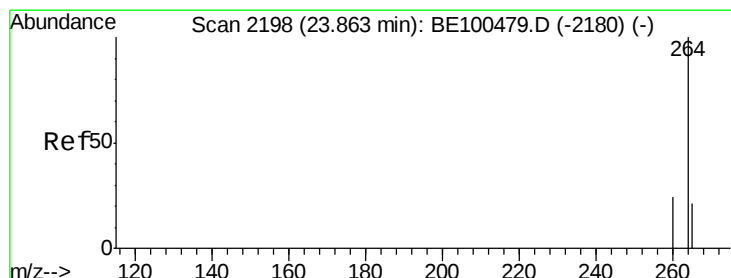
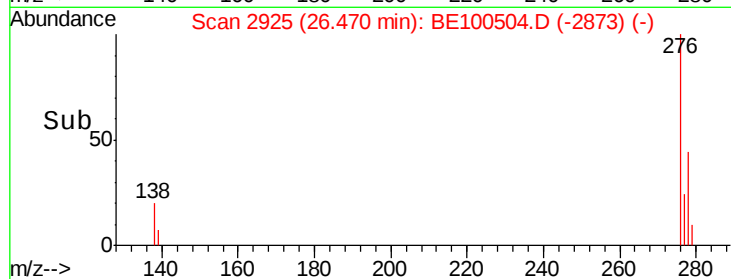
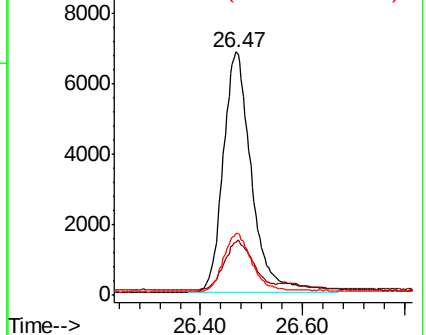
277 24.1 19.1 28.7



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: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100504.D

Acq: 23 Jul 2019 16:47

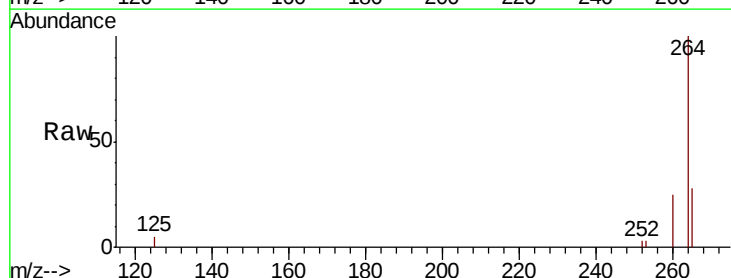
Tgt Ion:264 Resp: 21799

Ion Ratio Lower Upper

264 100

260 24.8 20.7 31.1

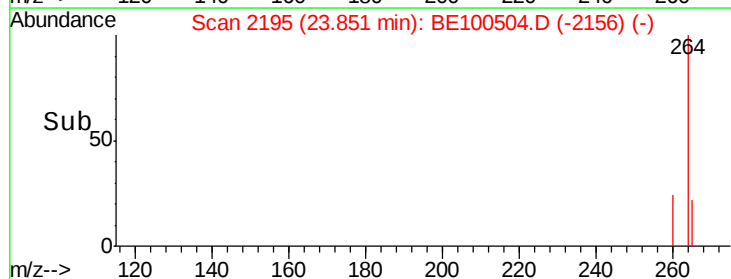
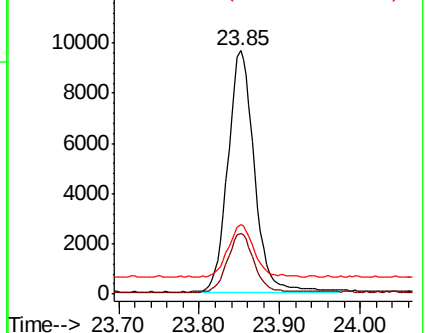
265 28.4 23.4 35.2

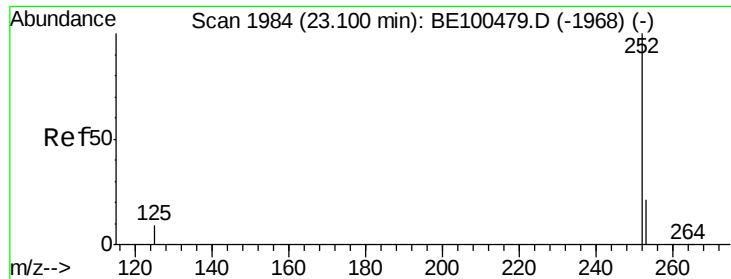


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

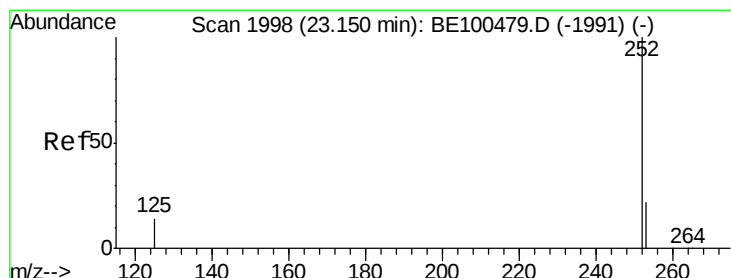
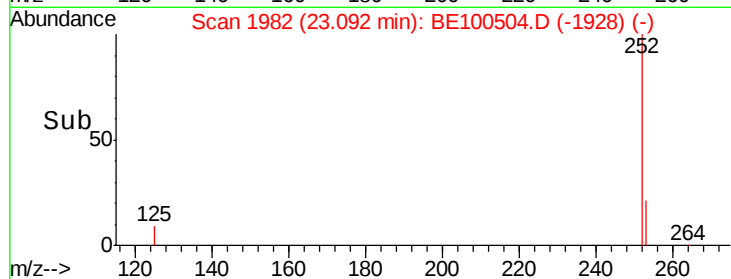
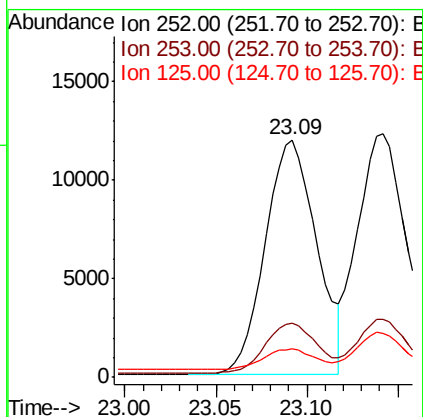
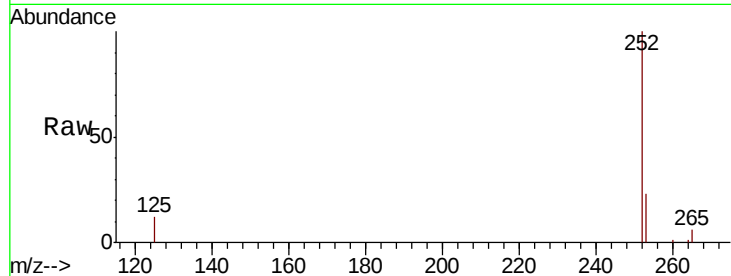




#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

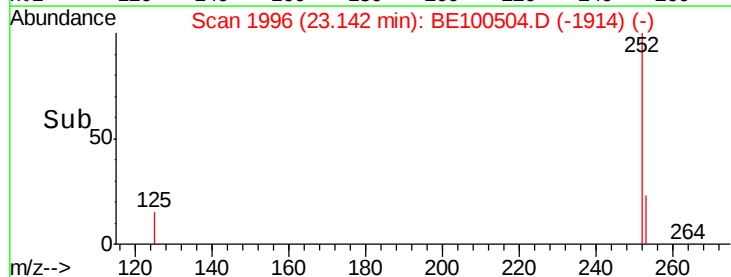
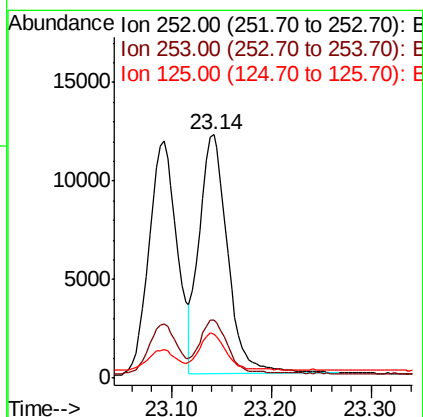
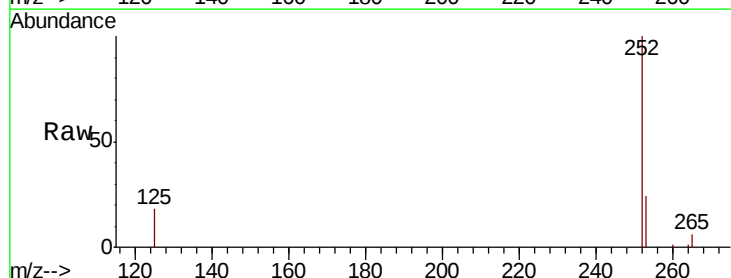
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

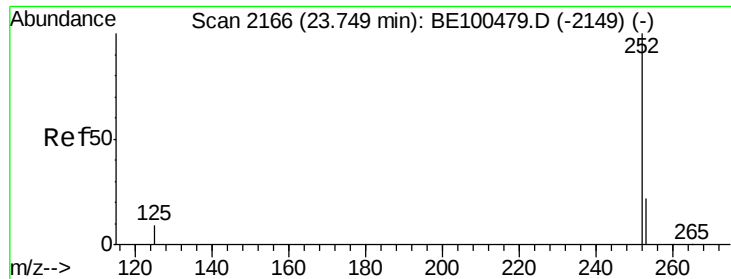
Tgt Ion:252 Resp: 23348
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 11.9 11.9 17.9#



#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:252 Resp: 24072
Ion Ratio Lower Upper
252 100
253 24.0 19.7 29.5
125 18.1 15.2 22.8

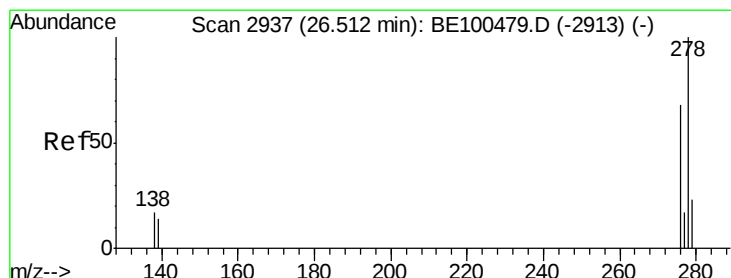
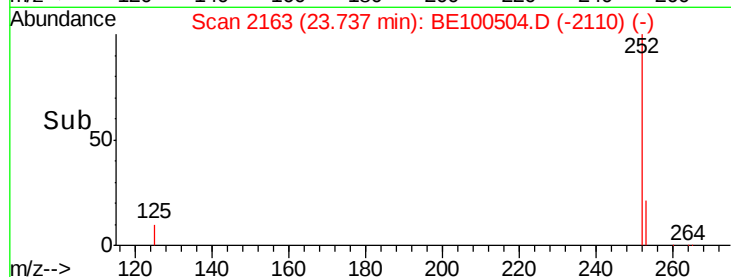
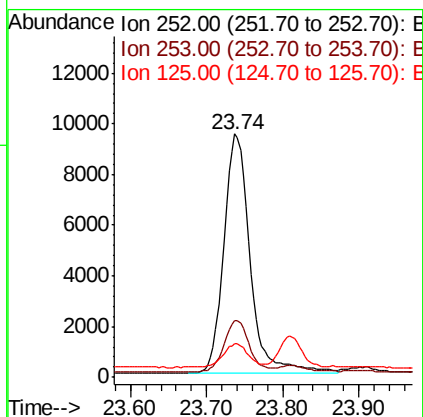
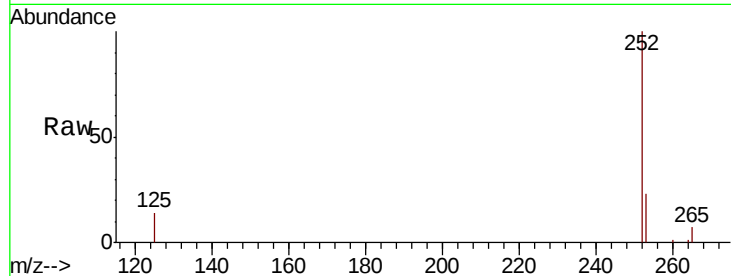




#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

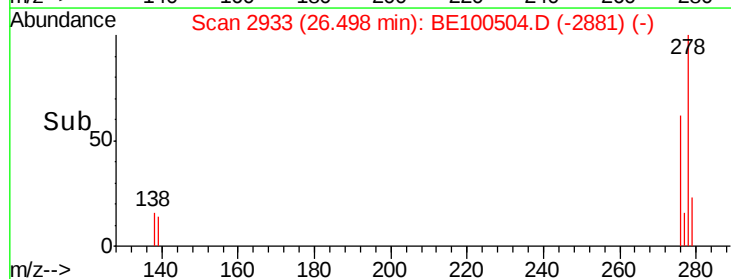
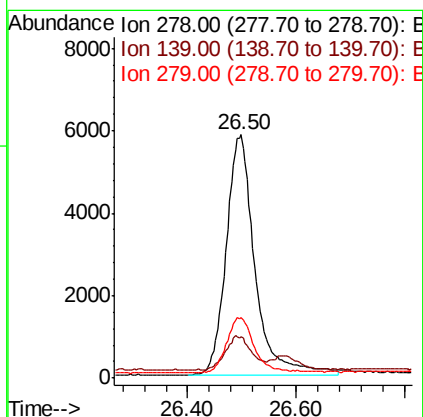
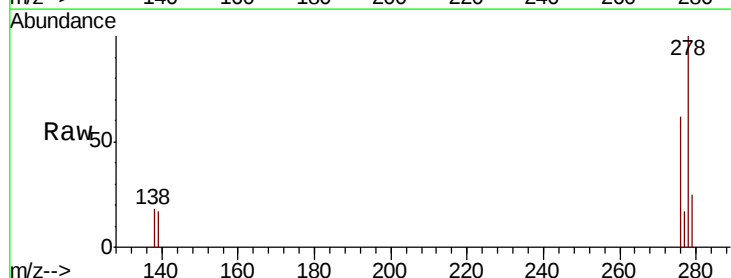
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

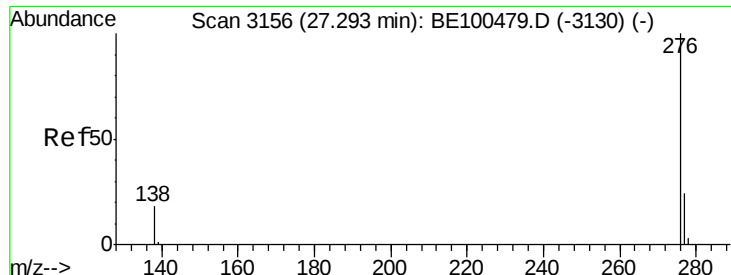
Tgt Ion:252 Resp: 22668
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 13.8 14.1 21.1#



#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:278 Resp: 21435
Ion Ratio Lower Upper
278 100
139 17.1 16.8 25.2
279 24.8 21.8 32.8





#39

Benzo(g,h,i)perylene

Concen: 0.388 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BE100504.D

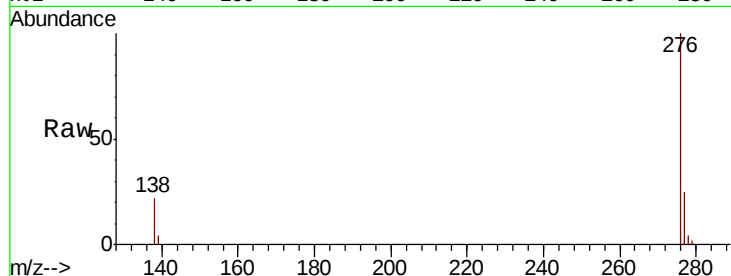
Acq: 23 Jul 2019 16:47

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 21763

Ion Ratio Lower Upper

276 100

277 24.9 22.0 33.0

138 21.8 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

