

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100495.D
 Acq On : 23 Jul 2019 11:12
 Operator : HP/JU
 Sample : PB121443BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121443BS

Quant Time: Jul 24 02:05:31 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	2876	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11222	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5918	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	13366	0.40	ng	0.00
27) Chrysene-d12	21.38	240	17444	0.40	ng	0.00
34) Perylene-d12	23.85	264	22161	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	2819	0.40	ng	0.00
5) Phenol-d6	7.03	99	3750	0.37	ng	0.00
8) Nitrobenzene-d5	9.02	82	2959	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	8013	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	816	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7424	0.31	ng	0.00
25) Fluoranthene-d10	19.24	212	50608	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	9253	0.21	ng	0.00

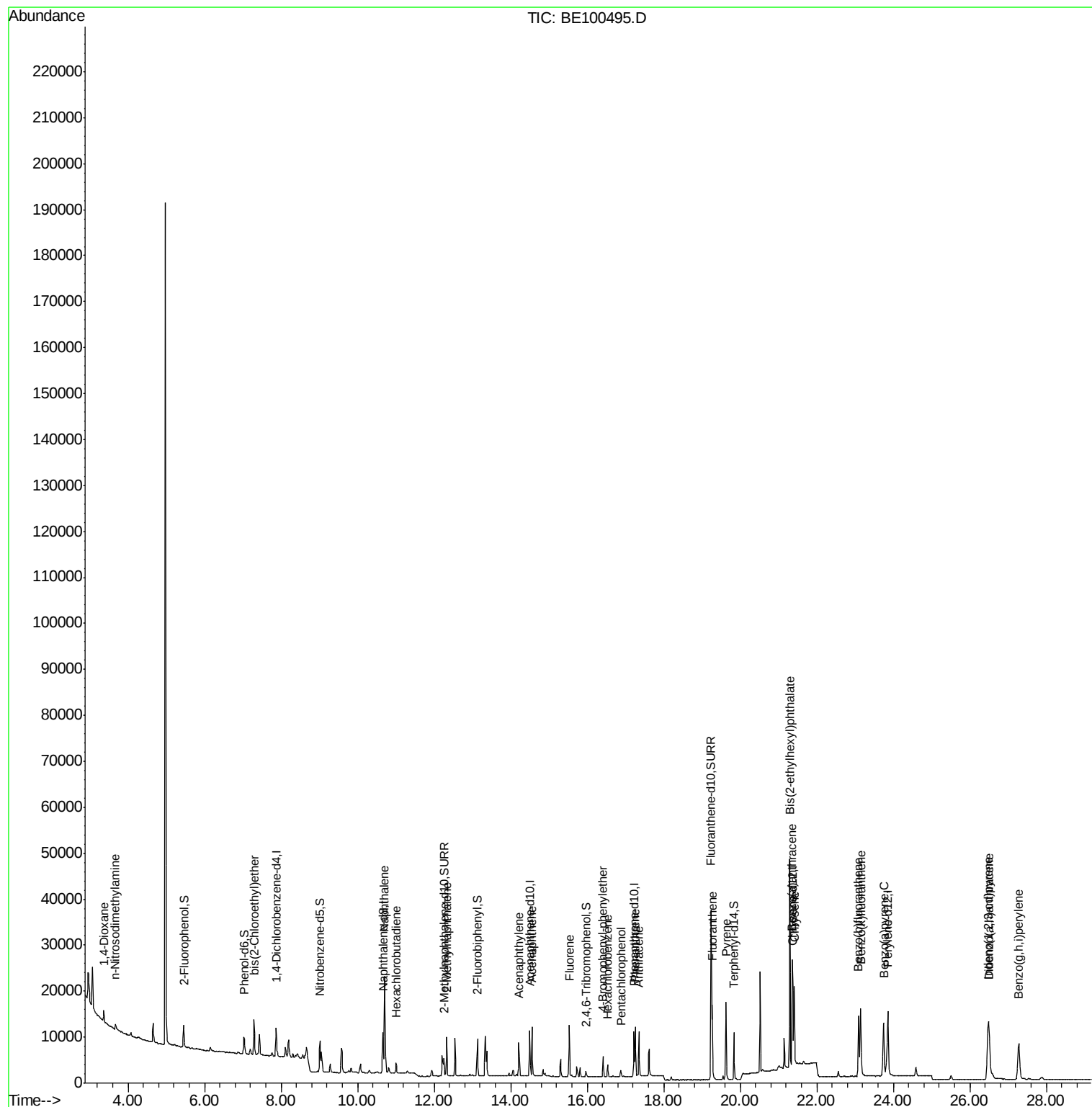
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	1527	0.305	ng	# 55
3) n-Nitrosodimethylamine	3.67	42	1021	0.388	ng	# 86
6) bis(2-Chloroethyl)ether	7.29	93	2964	0.345	ng	94
9) Naphthalene	10.70	128	35590	0.330	ng	100
10) Hexachlorobutadiene	11.00	225	1622	0.315	ng	98
12) 2-Methylnaphthalene	12.33	142	5925	0.306	ng	99
16) Acenaphthylene	14.21	152	8593	0.314	ng	100
17) Acenaphthene	14.56	154	5197	0.315	ng	100
18) Fluorene	15.53	166	6720	0.306	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2093	0.329	ng	# 71
21) Hexachlorobenzene	16.53	284	2204	0.337	ng	98
22) Pentachlorophenol	16.88	266	1041	0.452	ng	97
23) Phenanthrene	17.25	178	11104	0.339	ng	99
24) Anthracene	17.35	178	10039	0.322	ng	98
26) Fluoranthene	19.26	202	14301	0.303	ng	99
28) Pyrene	19.63	202	15237	0.280	ng	99
30) Benzo(a)anthracene	21.35	228	17445	0.328	ng	97
31) Chrysene	21.42	228	15874	0.302	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	45898	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	22609	0.394	ng	98
35) Benzo(b)fluoranthene	23.09	252	19235	0.317	ng	97
36) Benzo(k)fluoranthene	23.14	252	21809	0.343	ng	96
37) Benzo(a)pyrene	23.74	252	20339	0.345	ng	# 94
38) Dibenzo(a,h)anthracene	26.50	278	18891	0.339	ng	95
39) Benzo(g,h,i)perylene	27.28	276	19934	0.350	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100495.D
Acq On : 23 Jul 2019 11:12
Operator : HP/JU
Sample : PB121443BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB121443BS

Quant Time: Jul 24 02:05:31 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

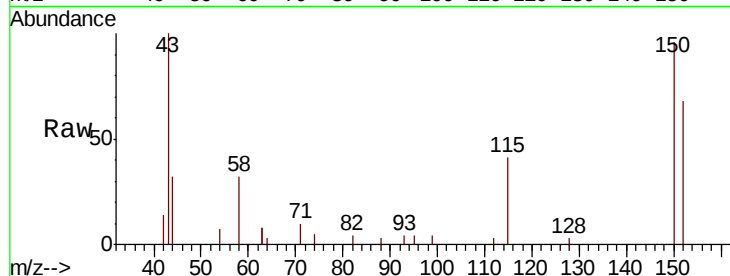
Tgt Ion:152 Resp: 2876

Ion Ratio Lower Upper

152 100

150 141.3 115.0 172.6

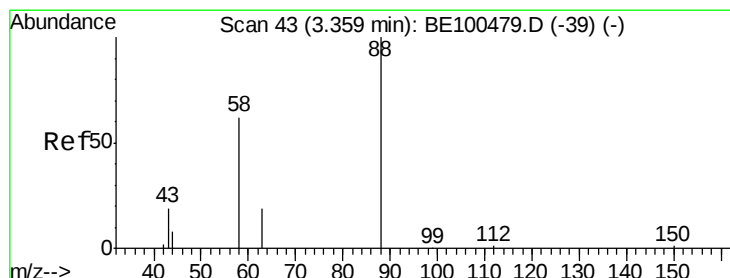
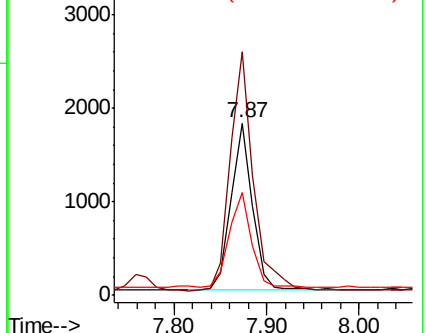
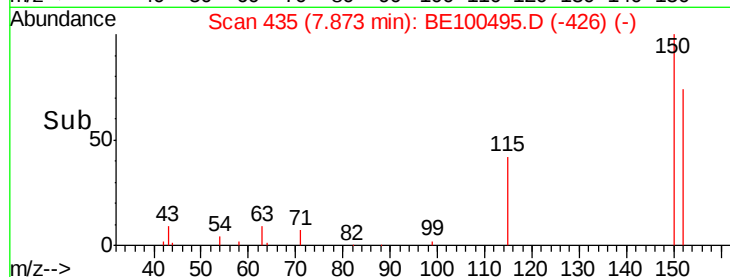
115 59.6 52.9 79.3



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: 0.305 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

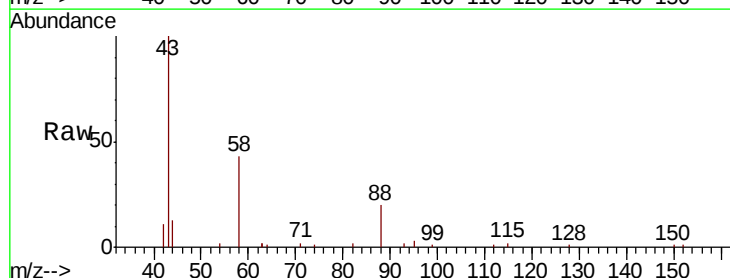
Tgt Ion: 88 Resp: 1527

Ion Ratio Lower Upper

88 100

58 100.7 53.2 79.8#

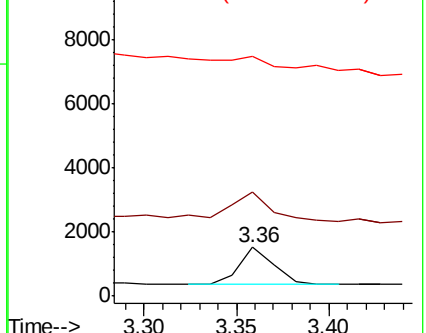
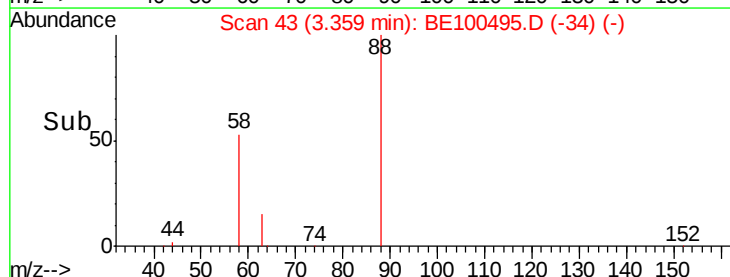
43 0.0 20.8 31.2#

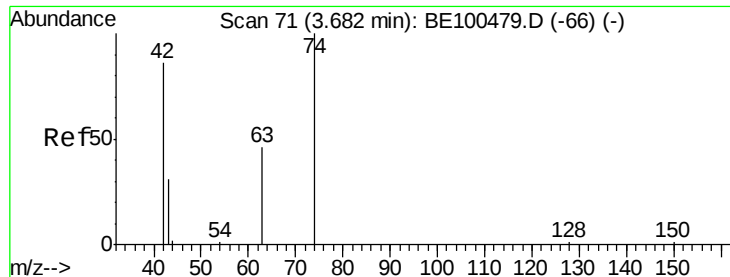


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.388 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

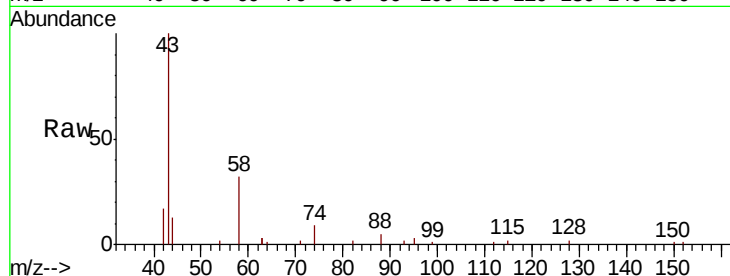
Tgt Ion: 42 Resp: 1021

Ion Ratio Lower Upper

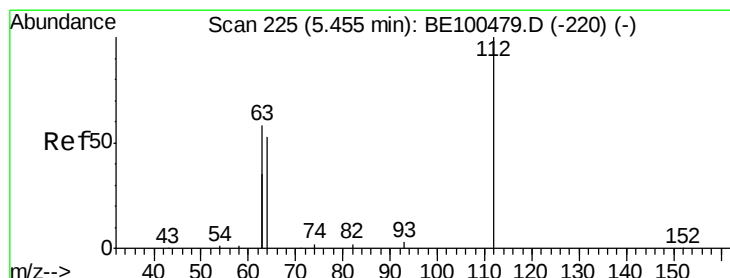
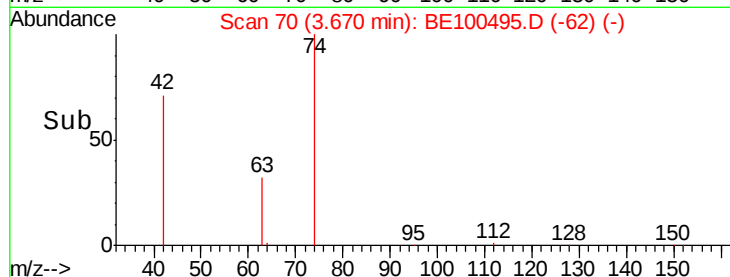
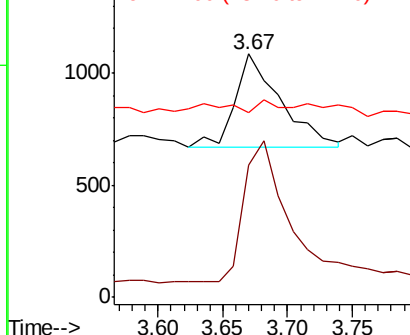
42 100

74 146.4 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: 0.402 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

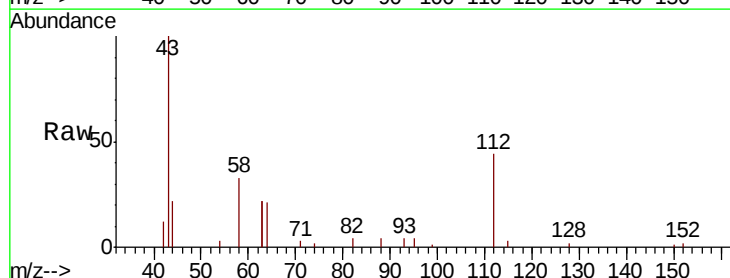
Tgt Ion: 112 Resp: 2819

Ion Ratio Lower Upper

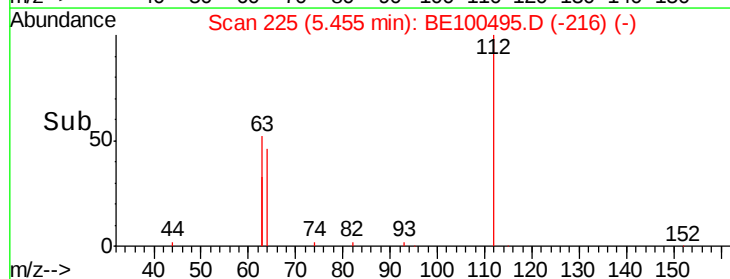
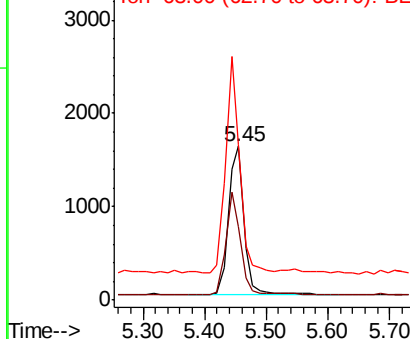
112 100

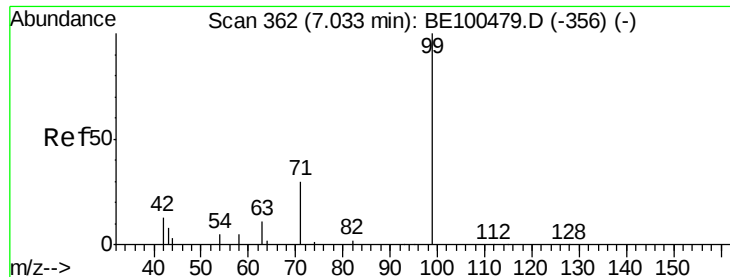
64 62.6 54.1 81.1

63 125.6 104.6 157.0



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: 0.374 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

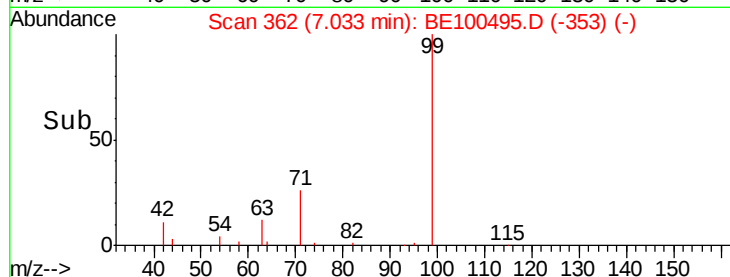
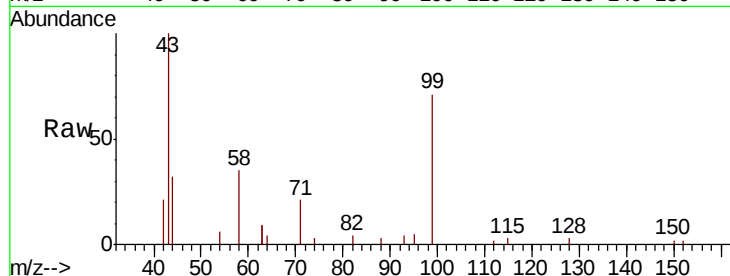
Tgt Ion: 99 Resp: 3750

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

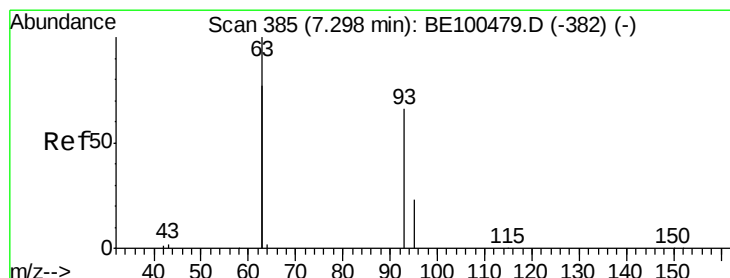
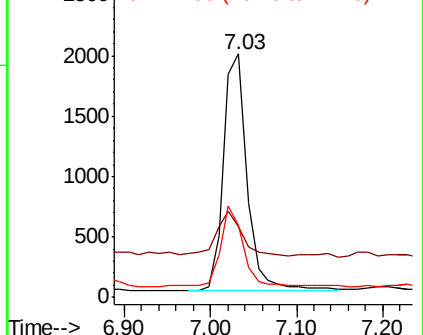
71 30.5 26.4 39.6



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: 0.345 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

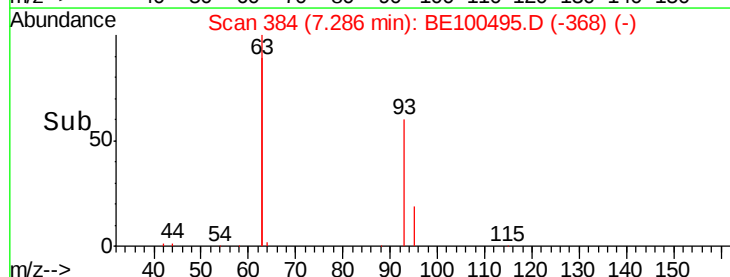
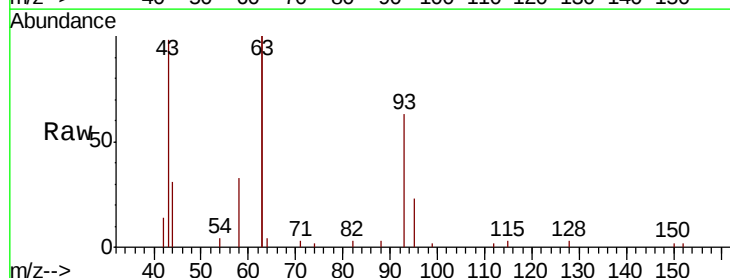
Tgt Ion: 93 Resp: 2964

Ion Ratio Lower Upper

93 100

63 298.9 248.3 372.5

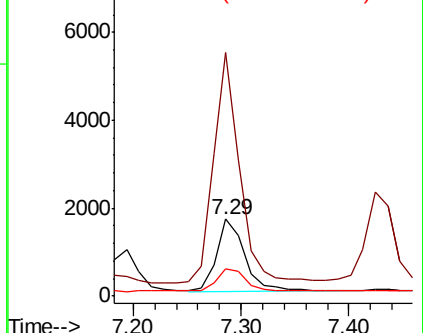
95 33.5 25.4 38.0

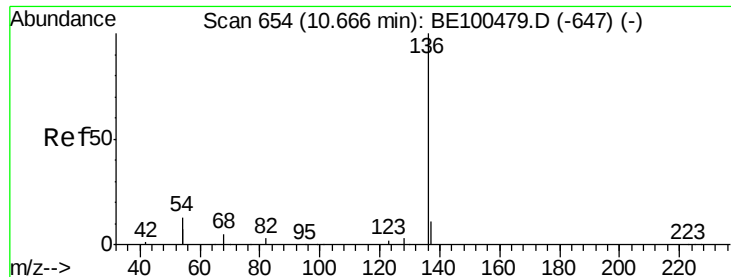


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

Tgt Ion:136 Resp: 11222

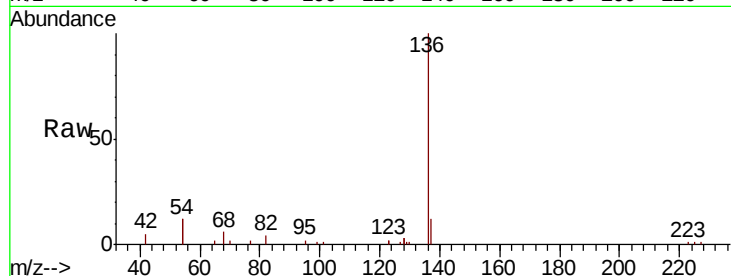
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.6

54 24.1 20.6 31.0

68 6.2 5.3 7.9

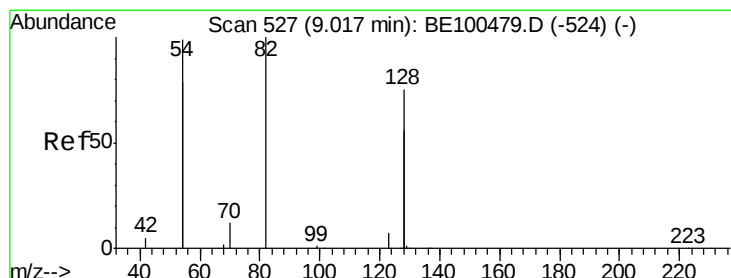
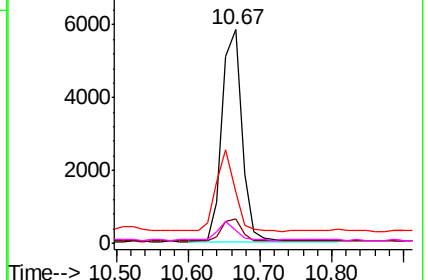
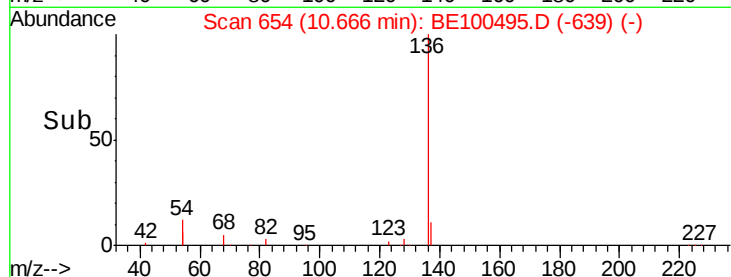


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

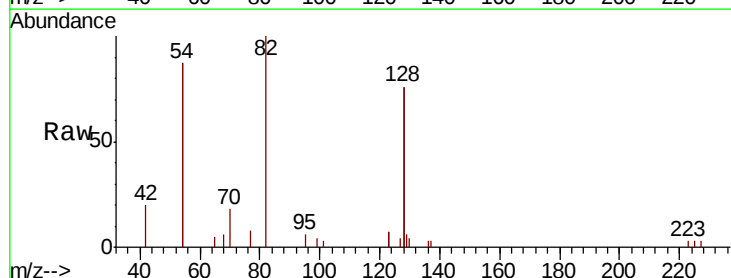
Tgt Ion: 82 Resp: 2959

Ion Ratio Lower Upper

82 100

128 152.6 113.6 170.4

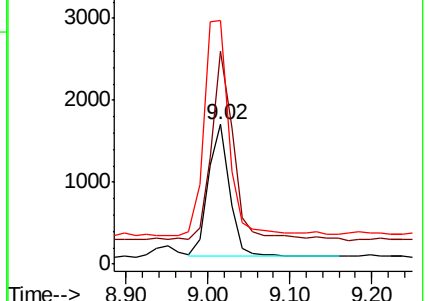
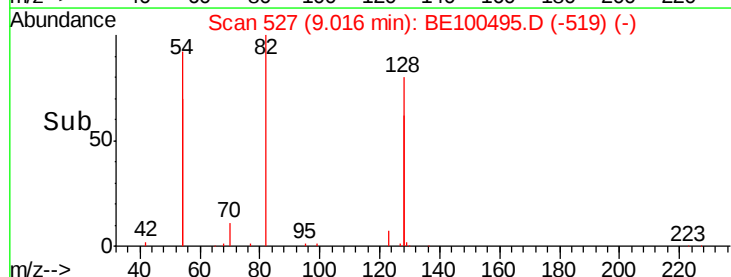
54 174.1 150.6 226.0

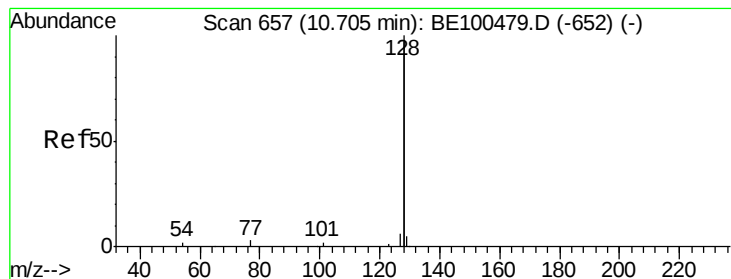


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.330 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

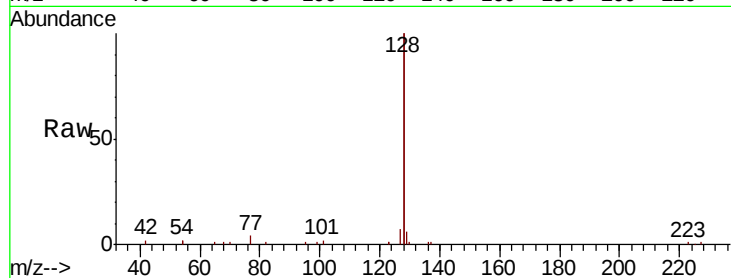
Tgt Ion:128 Resp: 35590

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

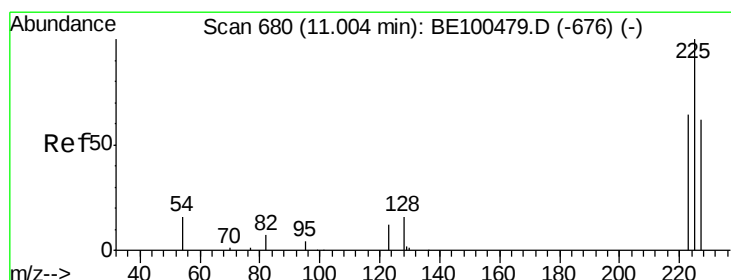
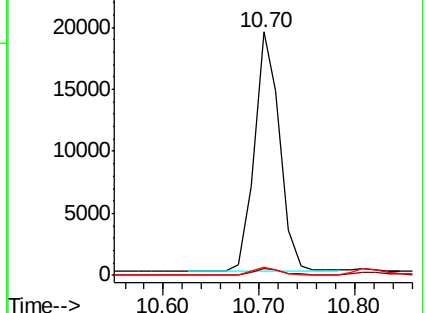
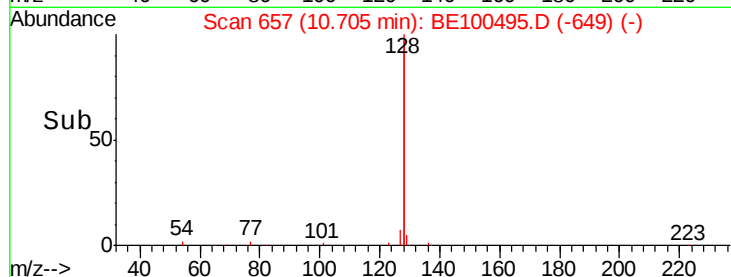
127 3.6 2.7 4.1



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: 0.315 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

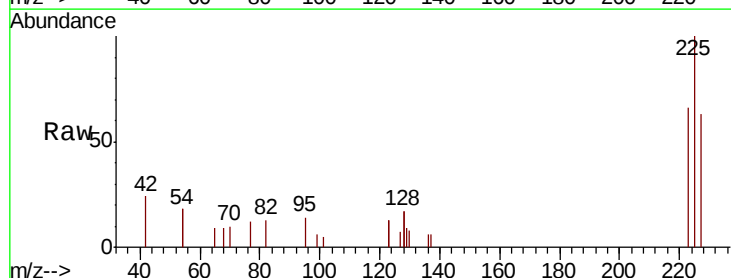
Tgt Ion:225 Resp: 1622

Ion Ratio Lower Upper

225 100

223 64.4 49.4 74.0

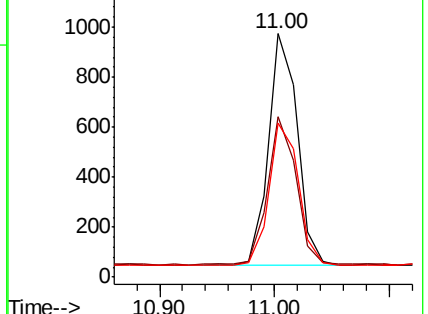
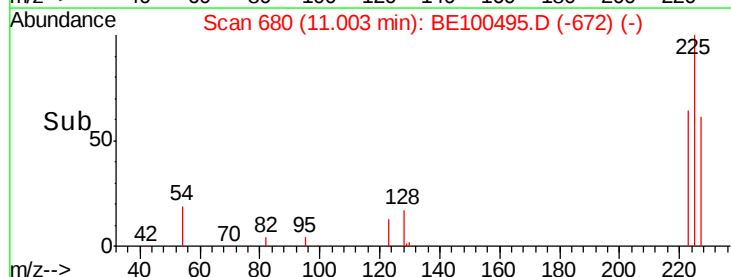
227 63.5 51.4 77.2

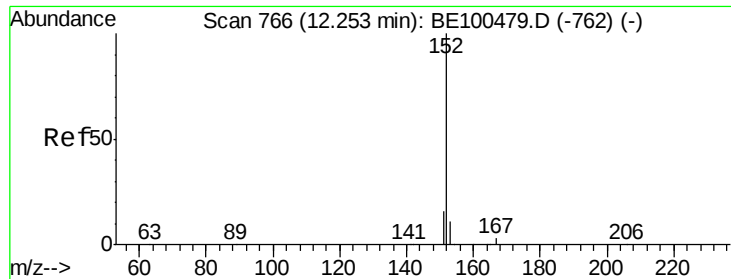


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

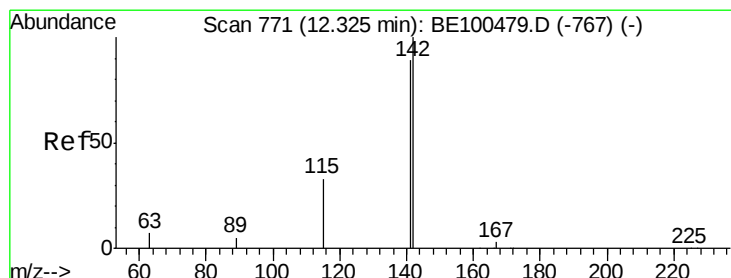
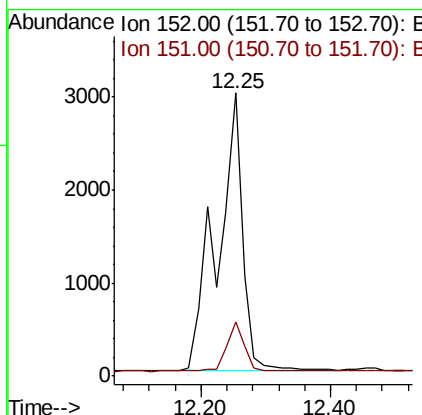
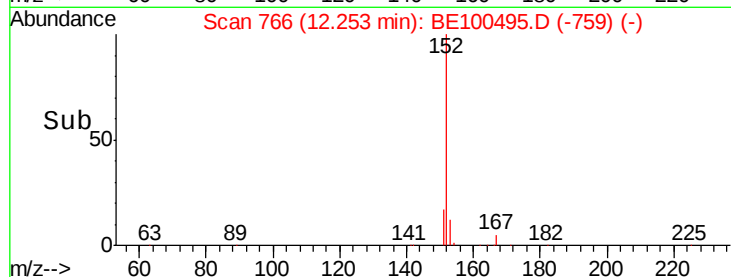
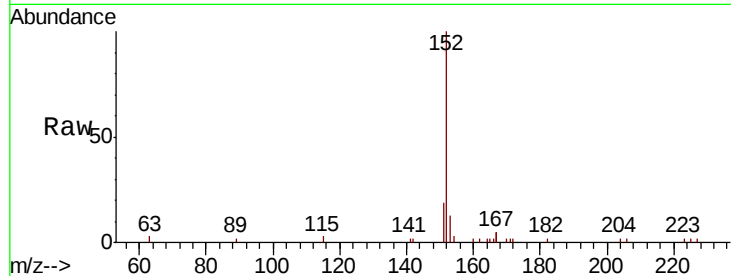




#11
 2-Methylnaphthalene-d10
 Concen: 0.431 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

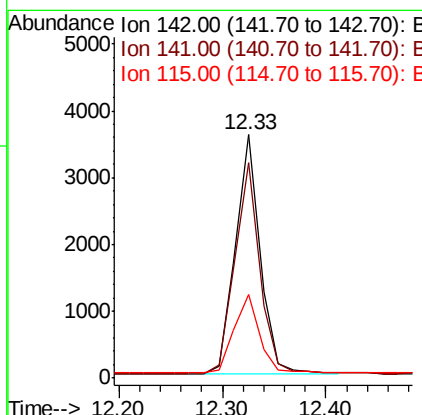
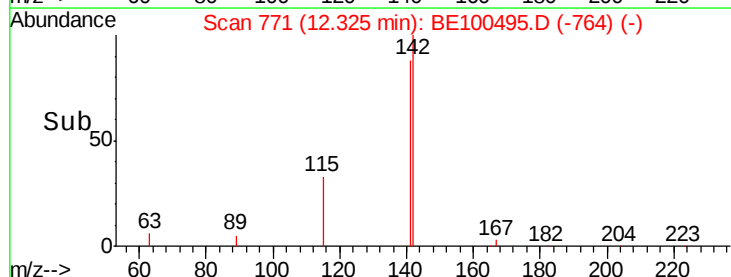
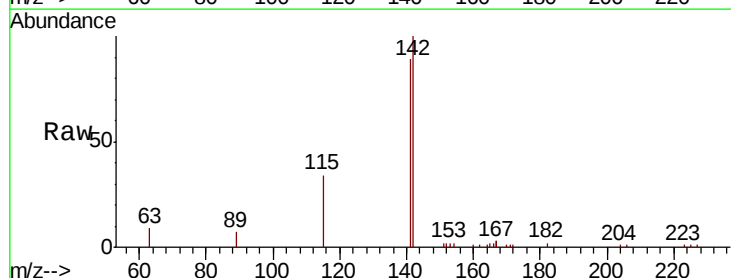
Instrument :
 BNA_E
 ClientSampleId :
 PB121443BS

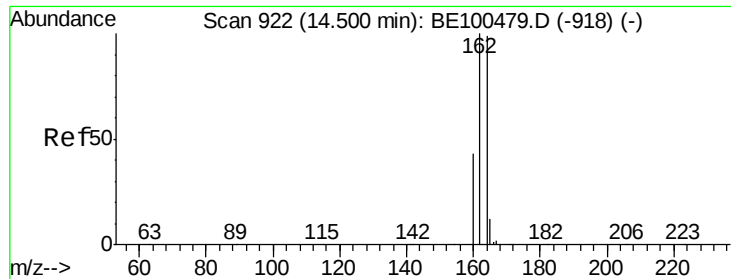
Tgt Ion:152 Resp: 8013
 Ion Ratio Lower Upper
 152 100
 151 12.5 15.1 22.7#



#12
 2-Methylnaphthalene
 Concen: 0.306 ng
 RT: 12.33 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

Tgt Ion:142 Resp: 5925
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.7 107.5
 115 34.4 27.8 41.6

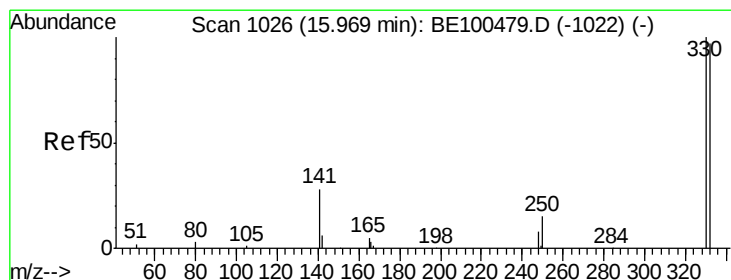
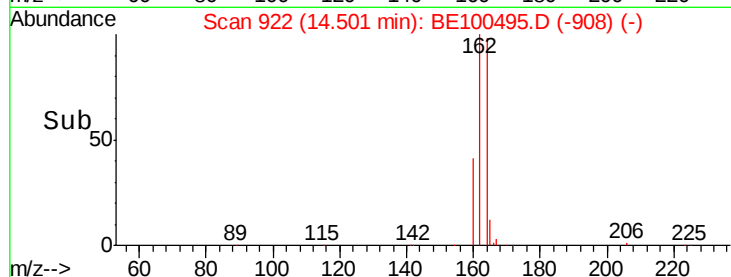
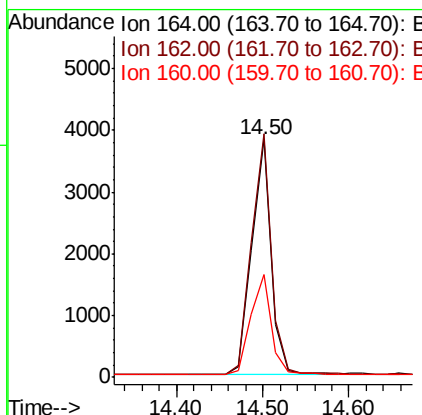
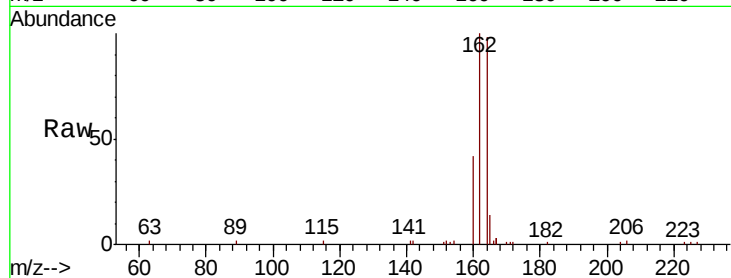




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

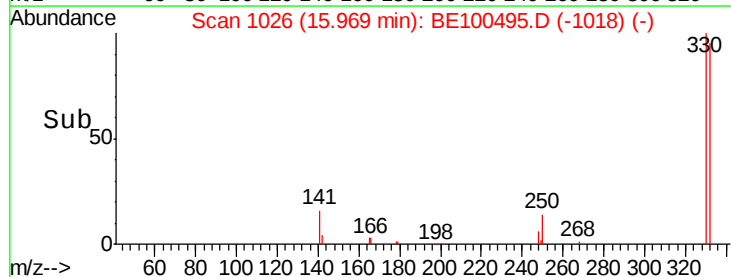
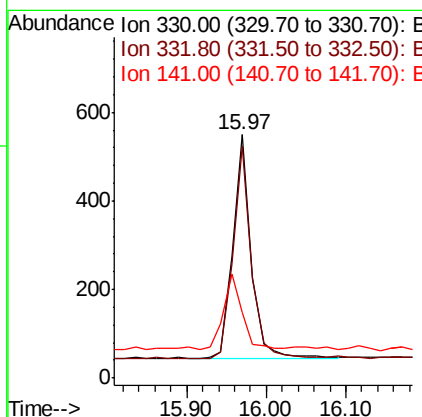
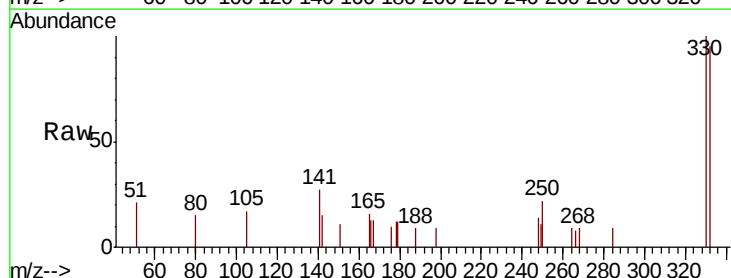
Instrument :
 BNA_E
 ClientSampleId :
 PB121443BS

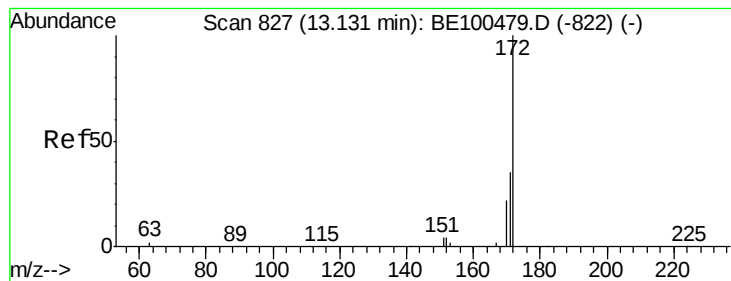
Tgt Ion:164 Resp: 5918
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.8 121.2
 160 43.0 34.9 52.3



#14
 2,4,6-Tribromophenol
 Concen: 0.318 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

Tgt Ion:330 Resp: 816
 Ion Ratio Lower Upper
 330 100
 332 94.4 80.5 120.7
 141 34.7 29.9 44.9





#15

2-Fluorobiphenyl

Concen: 0.309 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

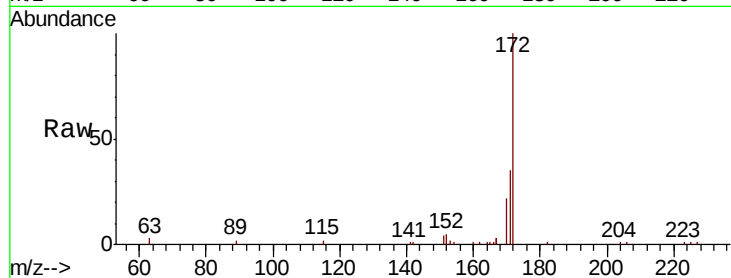
Tgt Ion:172 Resp: 7424

Ion Ratio Lower Upper

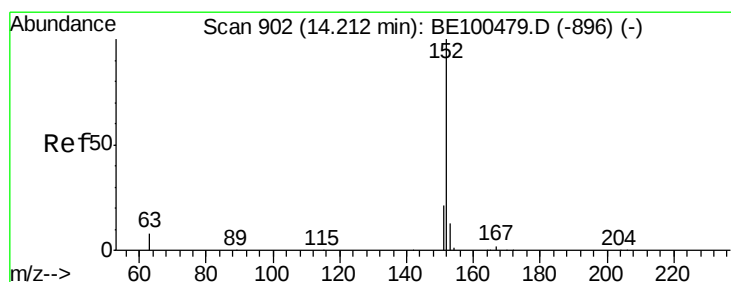
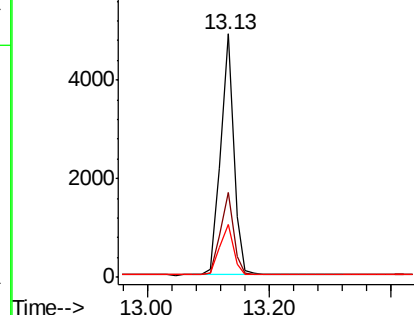
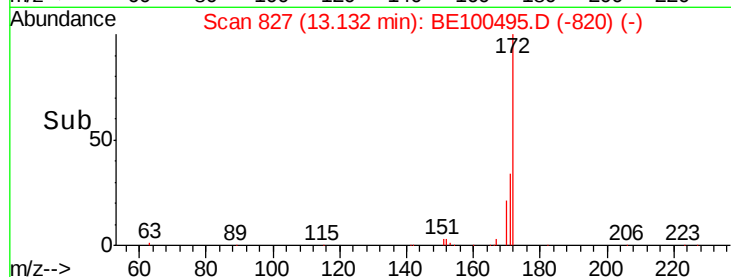
172 100

171 34.7 28.2 42.2

170 21.8 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: 0.314 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

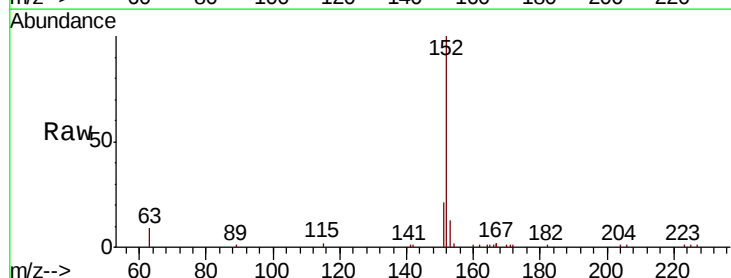
Tgt Ion:152 Resp: 8593

Ion Ratio Lower Upper

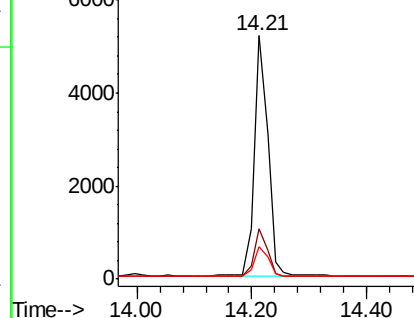
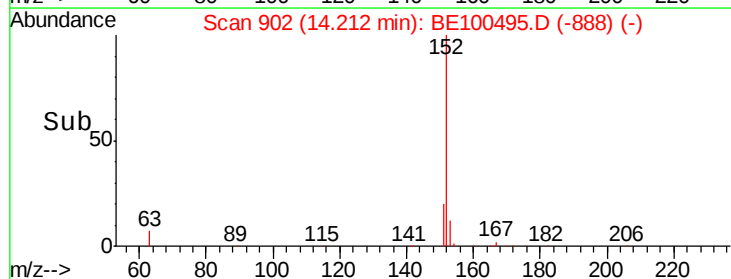
152 100

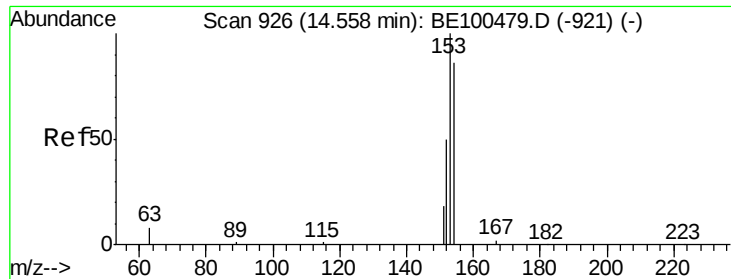
151 20.0 16.1 24.1

153 13.2 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

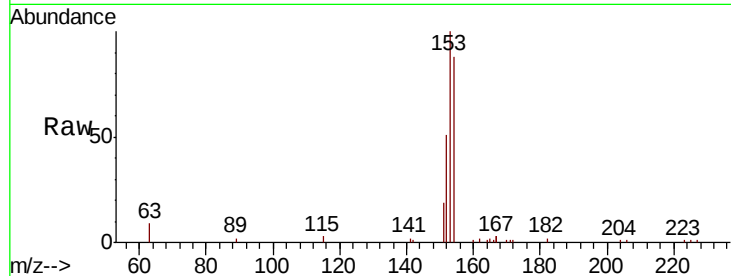




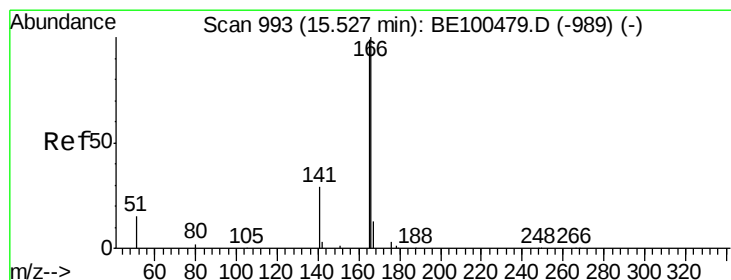
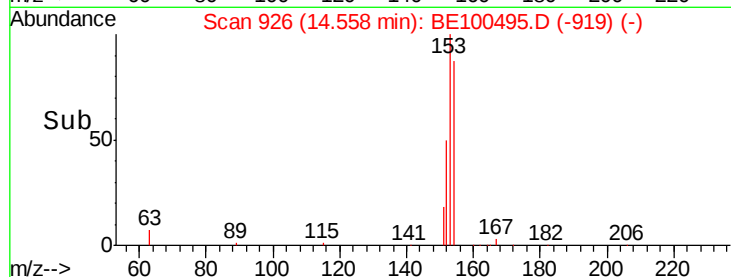
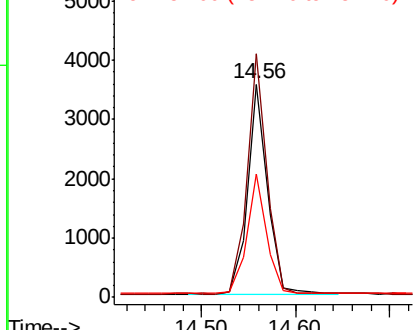
#17
Acenaphthene
Concen: 0.315 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100495.D
Acq: 23 Jul 2019 11:12

Instrument :
BNA_E
ClientSampleId :
PB121443BS

Tgt Ion:154 Resp: 5197
Ion Ratio Lower Upper
154 100
153 113.6 90.8 136.2
152 56.1 45.1 67.7

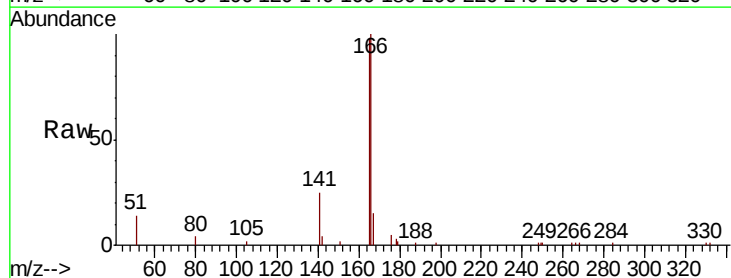


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

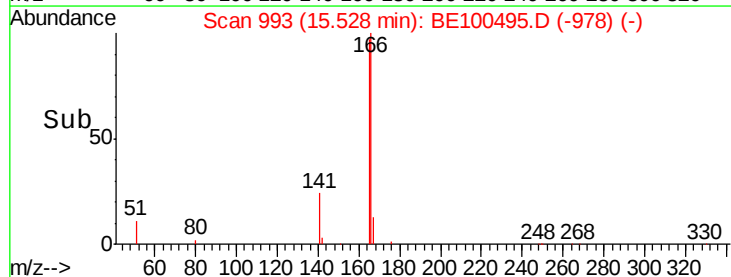
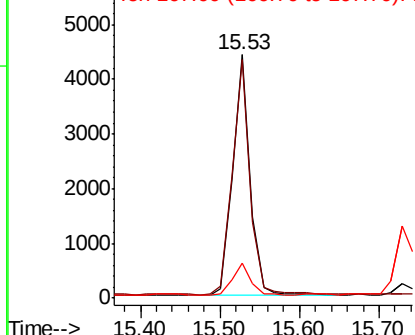


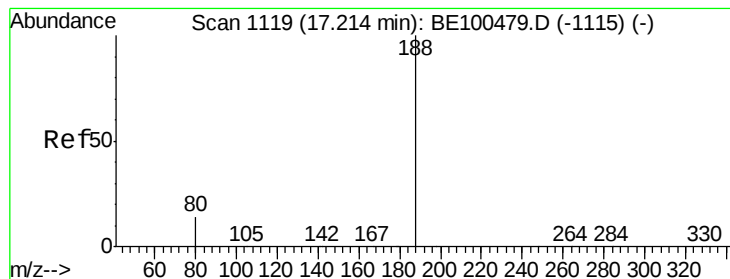
#18
Fluorene
Concen: 0.306 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100495.D
Acq: 23 Jul 2019 11:12

Tgt Ion:166 Resp: 6720
Ion Ratio Lower Upper
166 100
165 98.6 78.3 117.5
167 13.3 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: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

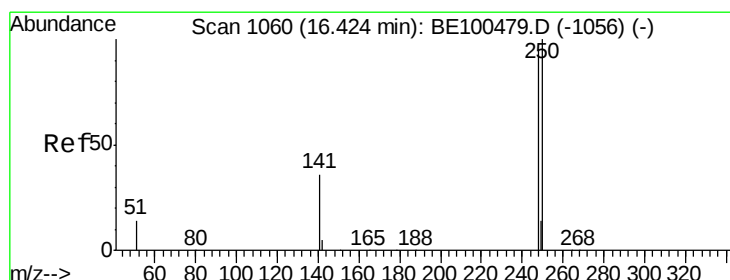
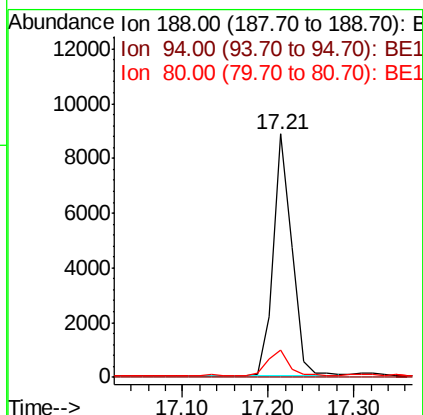
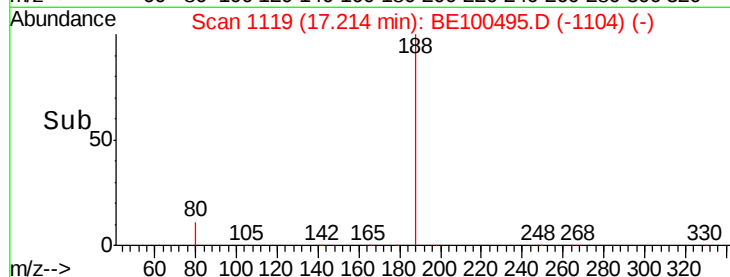
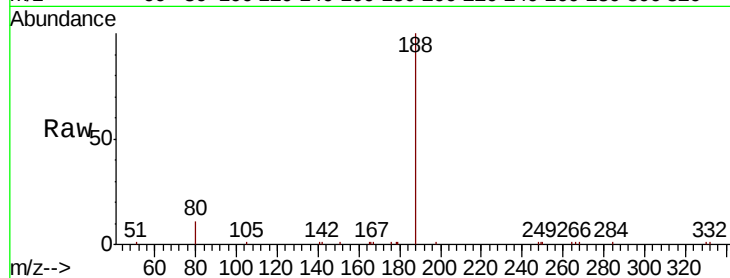
Tgt Ion:188 Resp: 13366

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 11.9 17.9#



#20

4-Bromophenyl-phenylether

Concen: 0.329 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

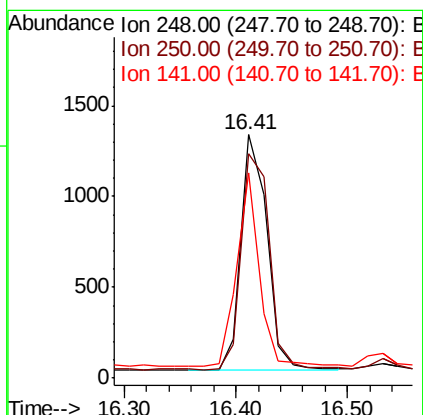
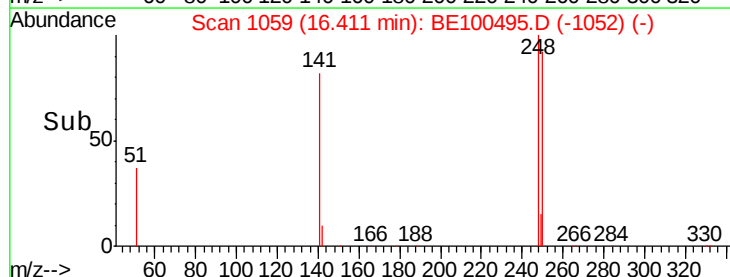
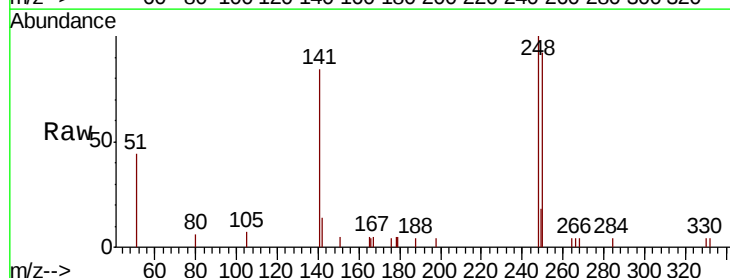
Tgt Ion:248 Resp: 2093

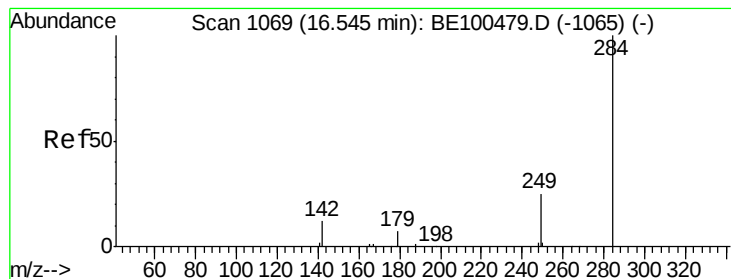
Ion Ratio Lower Upper

248 100

250 91.9 84.4 126.6

141 84.2 32.2 48.2#





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

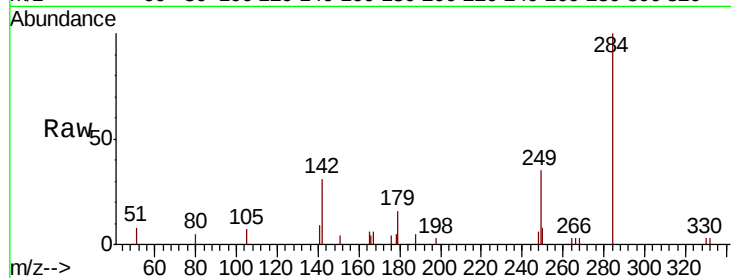
Tgt Ion:284 Resp: 2204

Ion Ratio Lower Upper

284 100

142 31.7 26.7 40.1

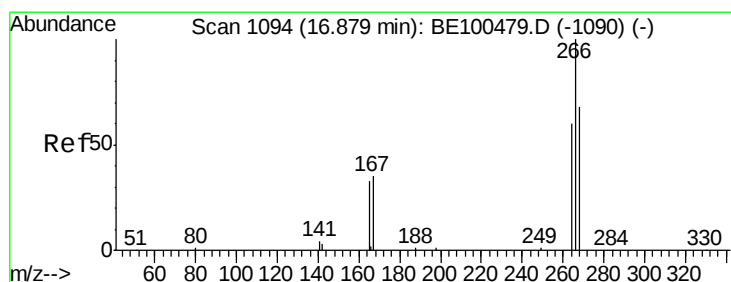
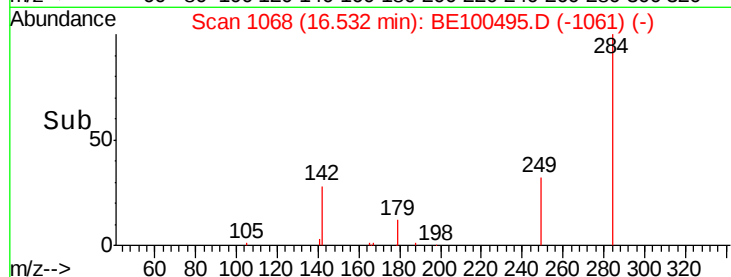
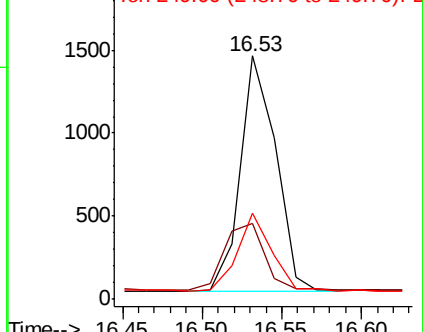
249 31.9 25.0 37.4



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: 0.452 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

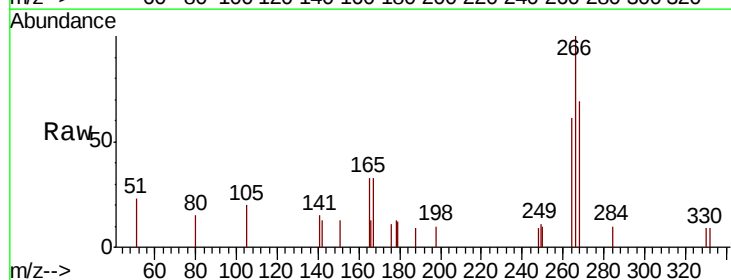
Tgt Ion:266 Resp: 1041

Ion Ratio Lower Upper

266 100

264 60.6 50.4 75.6

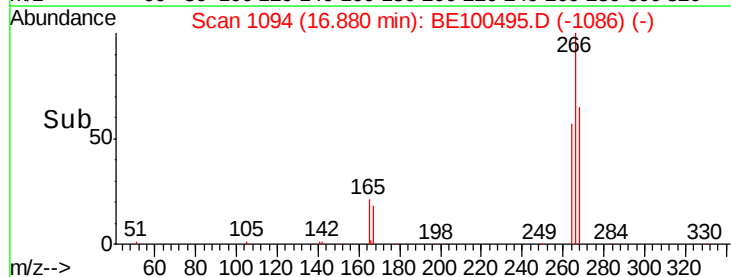
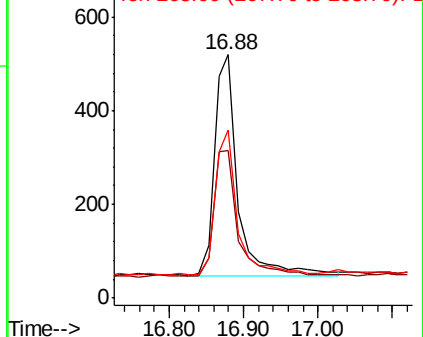
268 68.8 56.6 85.0

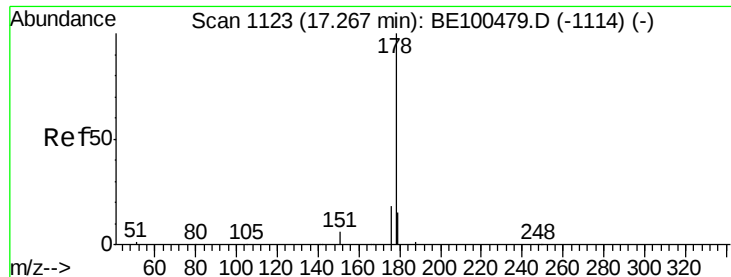


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.339 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

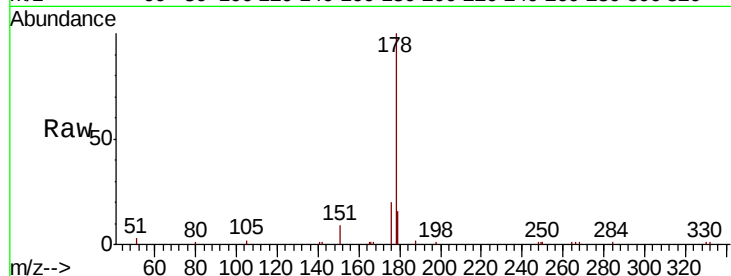
Tgt Ion:178 Resp: 11104

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

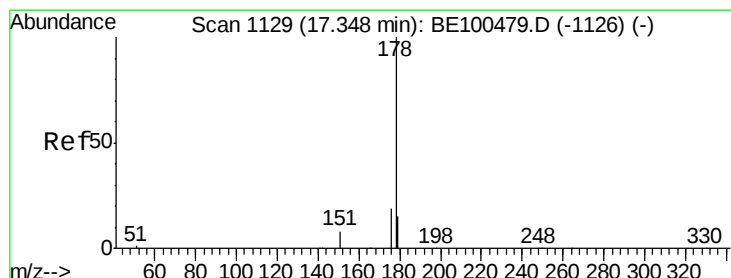
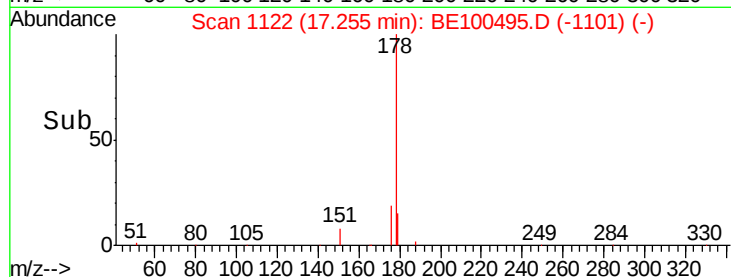
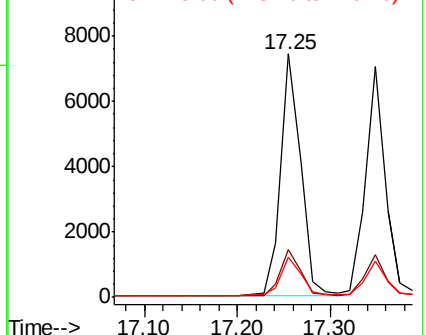
179 16.0 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.322 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

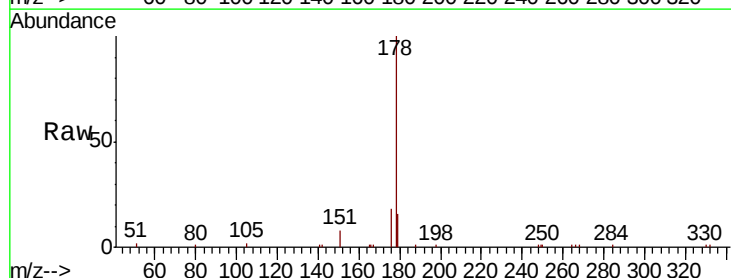
Tgt Ion:178 Resp: 10039

Ion Ratio Lower Upper

178 100

176 17.9 15.3 22.9

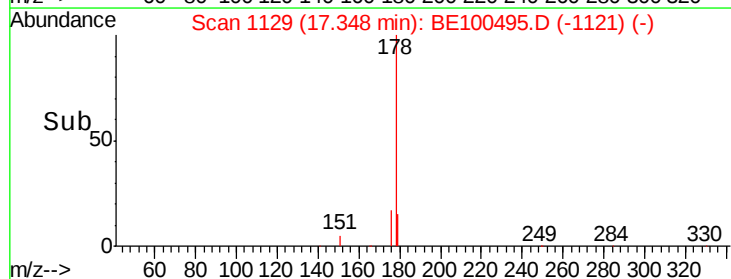
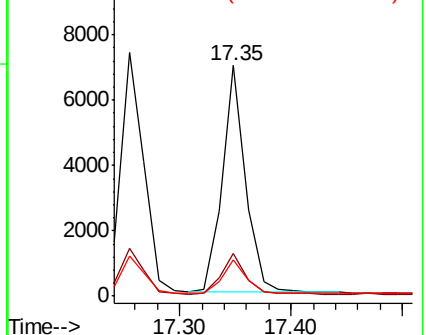
179 15.0 12.2 18.2

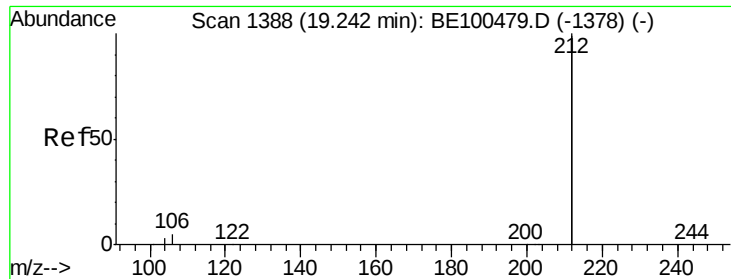


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

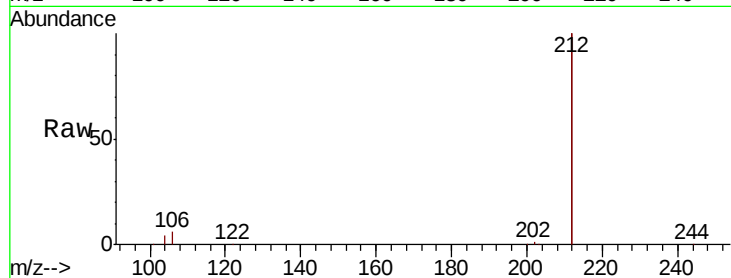




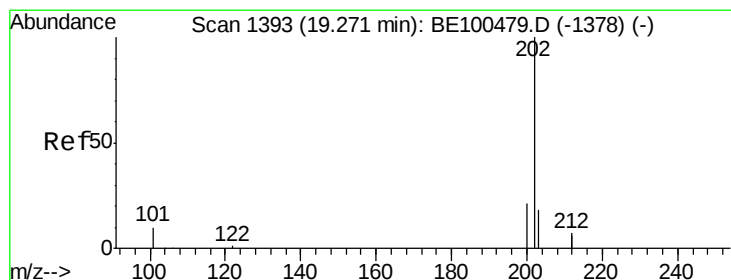
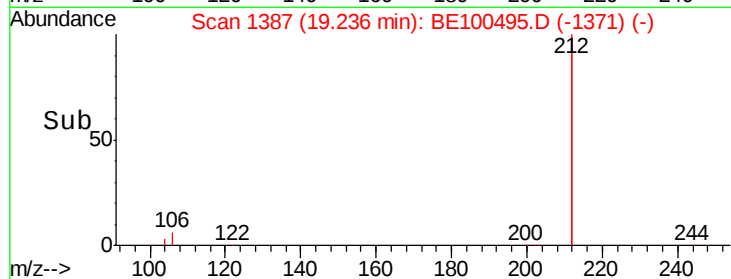
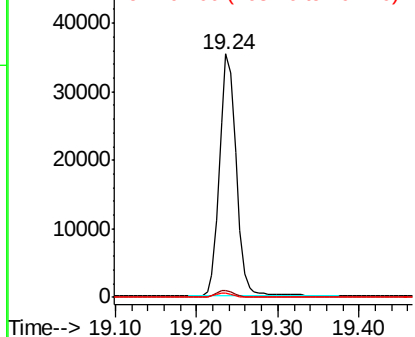
#25
 Fluoranthene-d10
 Concen: 0.276 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

Instrument :
 BNA_E
 ClientSampleId :
 PB121443BS

Tgt Ion: 212 Resp: 50608
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.5 1.2 1.8

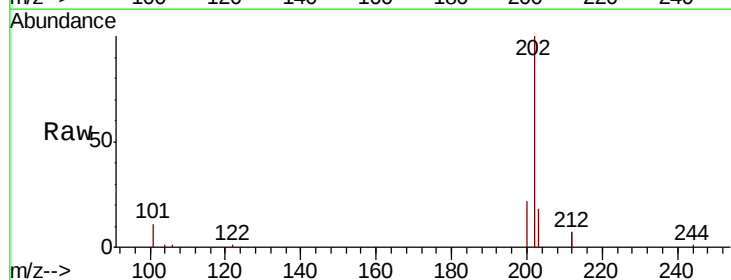


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

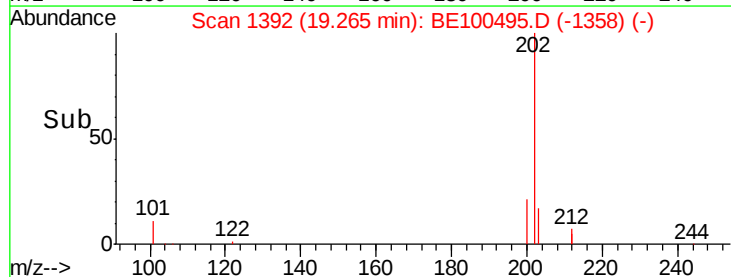
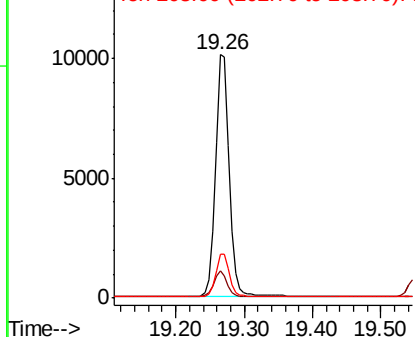


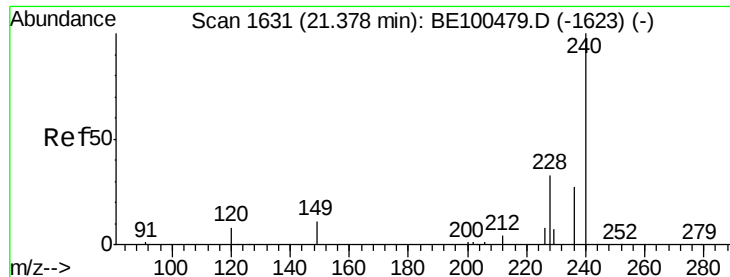
#26
 Fluoranthene
 Concen: 0.303 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

Tgt Ion: 202 Resp: 14301
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.0 12.0
 203 17.2 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

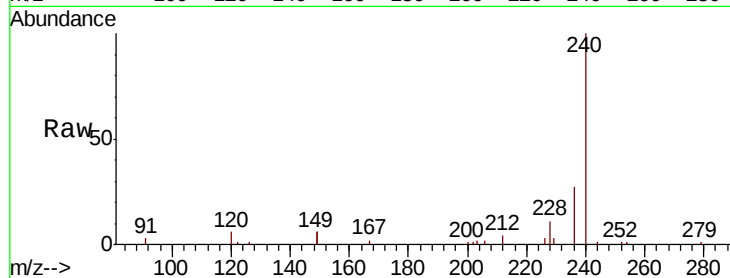




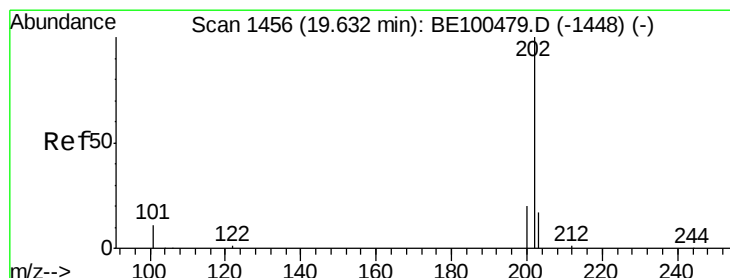
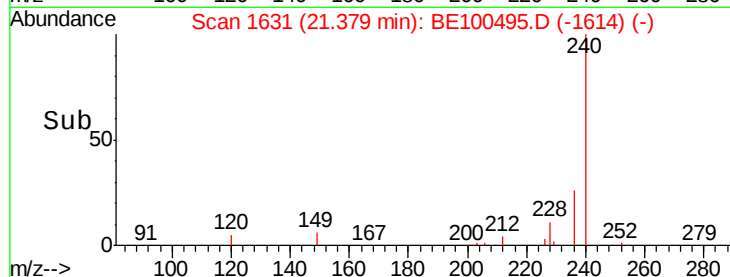
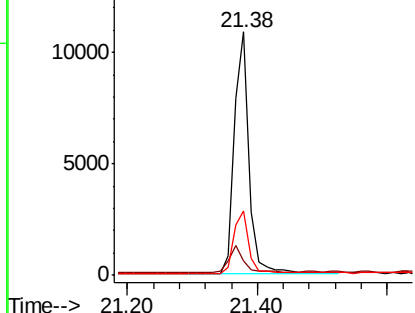
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

Instrument :
 BNA_E
 ClientSampleId :
 PB121443BS

Tgt Ion:240 Resp: 17444
 Ion Ratio Lower Upper
 240 100
 120 5.8 8.2 12.2#
 236 26.6 22.6 34.0

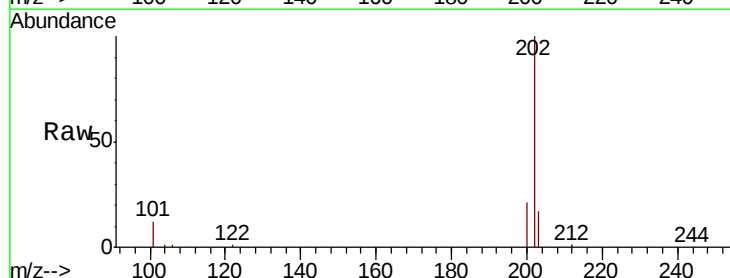


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

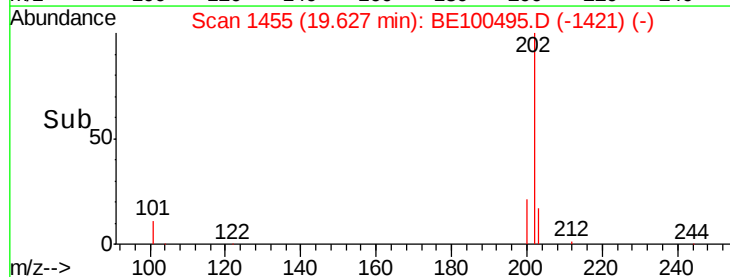
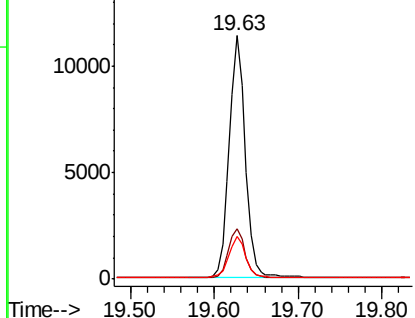


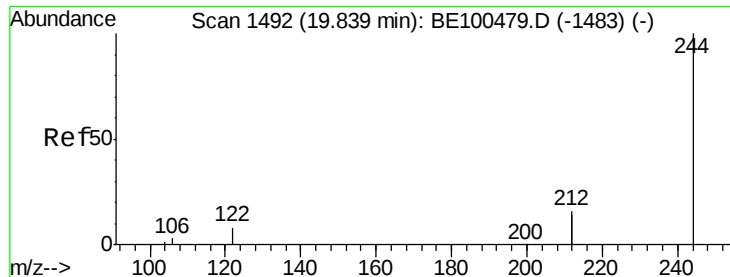
#28
 Pyrene
 Concen: 0.280 ng
 RT: 19.63 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BE100495.D
 Acq: 23 Jul 2019 11:12

Tgt Ion:202 Resp: 15237
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.215 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

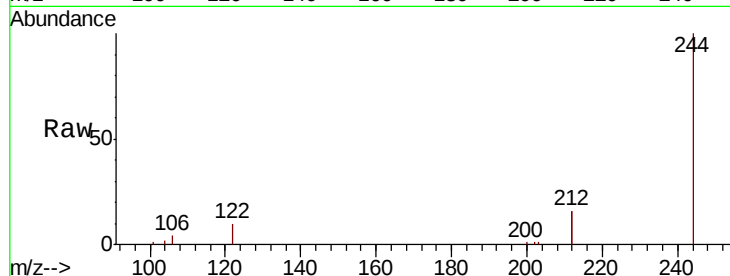
Tgt Ion:244 Resp: 9253

Ion Ratio Lower Upper

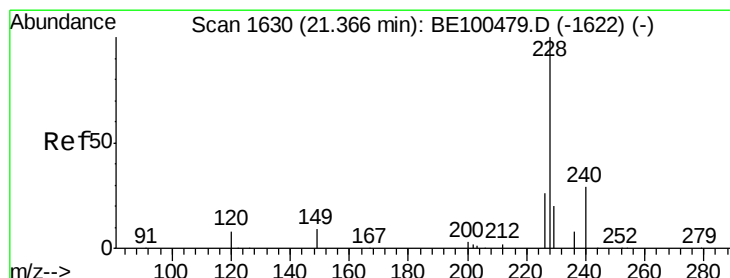
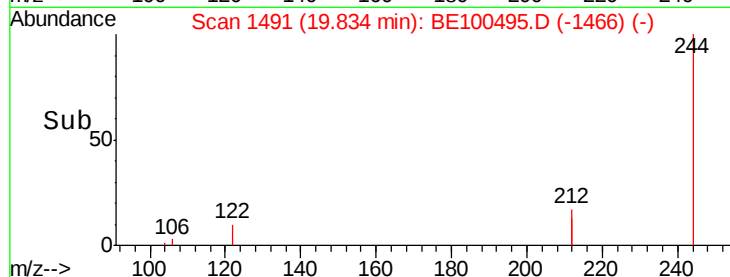
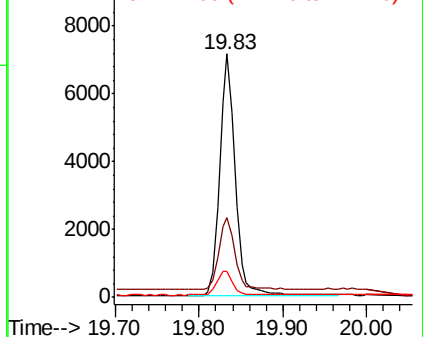
244 100

212 32.9 25.6 38.4

122 10.5 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: 0.328 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

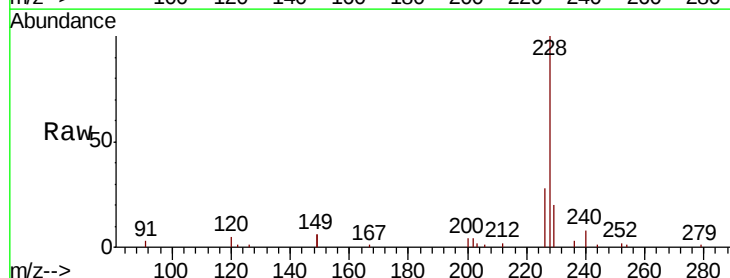
Tgt Ion:228 Resp: 17445

Ion Ratio Lower Upper

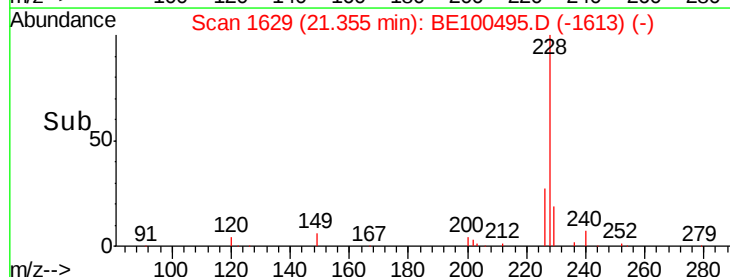
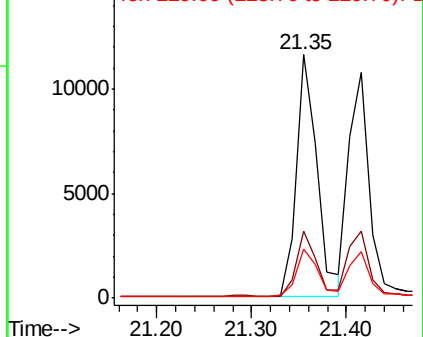
228 100

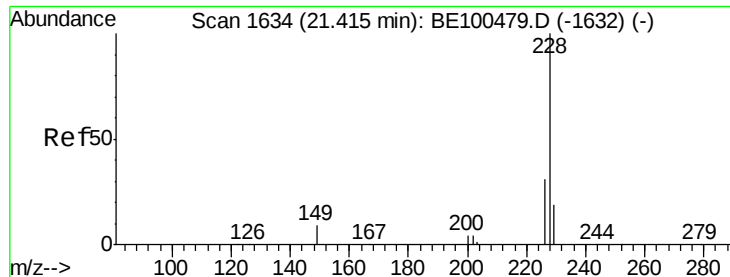
226 27.8 21.4 32.2

229 19.9 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: 0.302 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

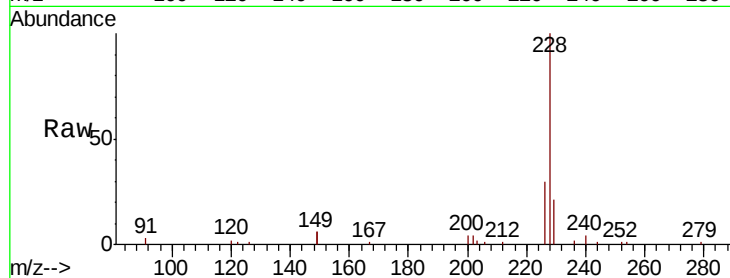
Tgt Ion:228 Resp: 15874

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

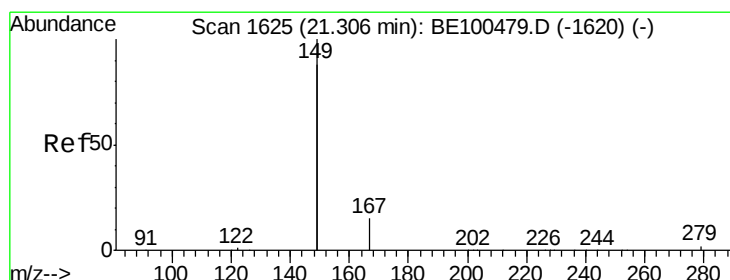
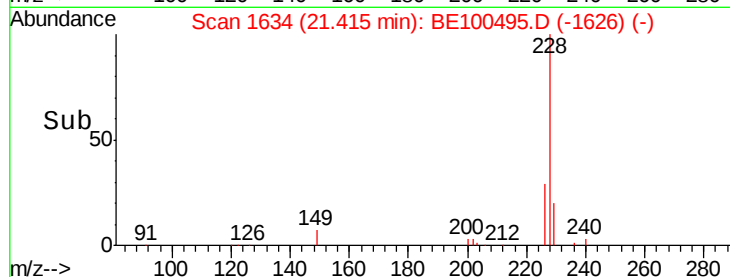
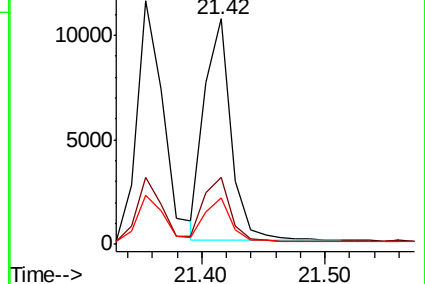
229 20.7 16.7 25.1



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: 0.375 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

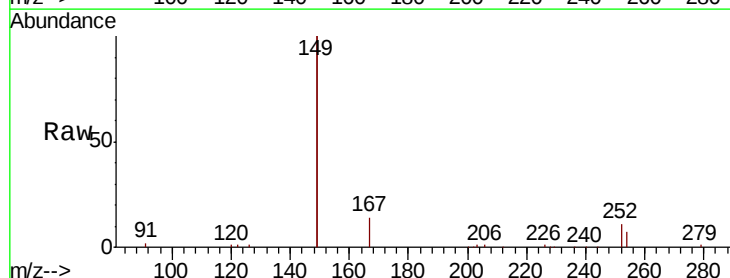
Tgt Ion:149 Resp: 45898

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

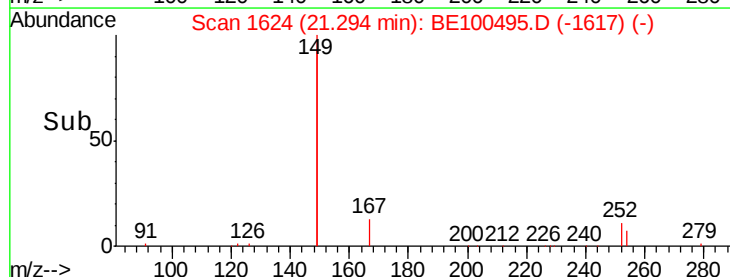
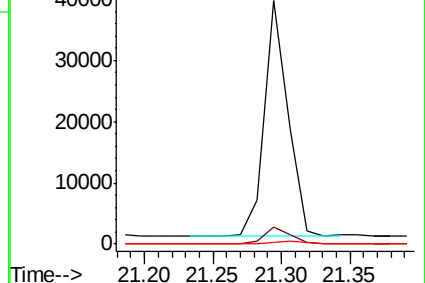
279 1.2 1.0 1.6

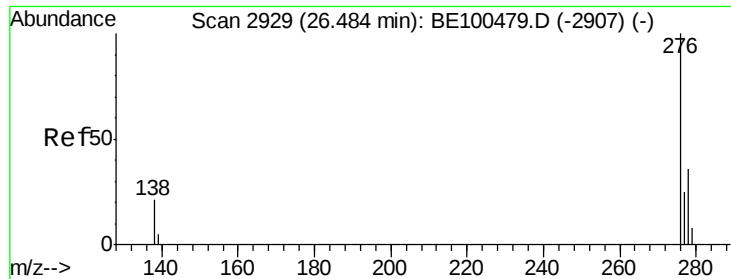


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.394 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

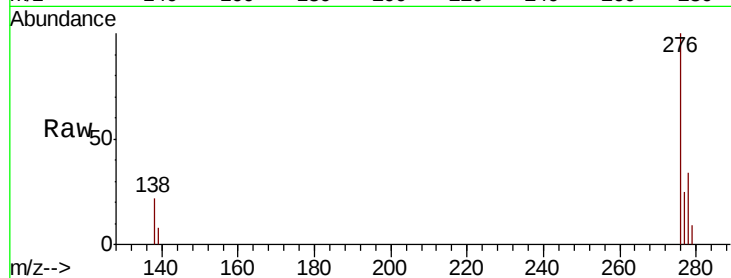
Tgt Ion:276 Resp: 22609

Ion Ratio Lower Upper

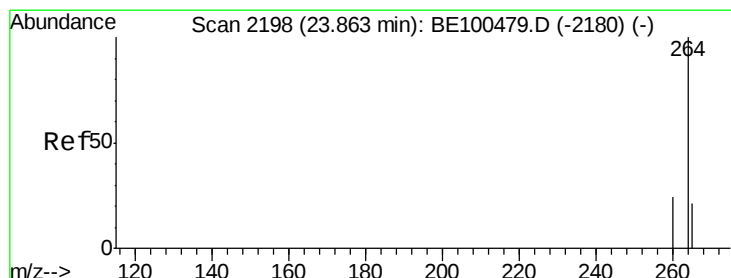
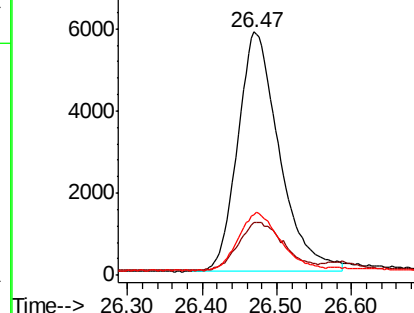
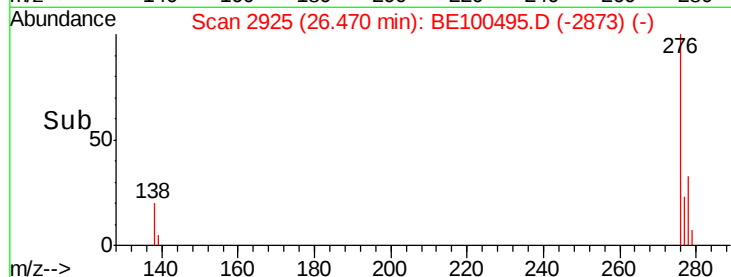
276 100

138 22.1 16.6 25.0

277 24.6 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# 2196

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

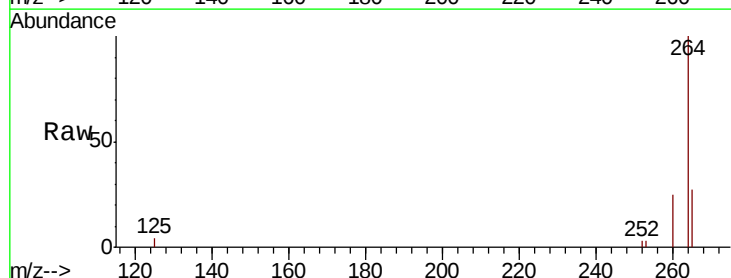
Tgt Ion:264 Resp: 22161

Ion Ratio Lower Upper

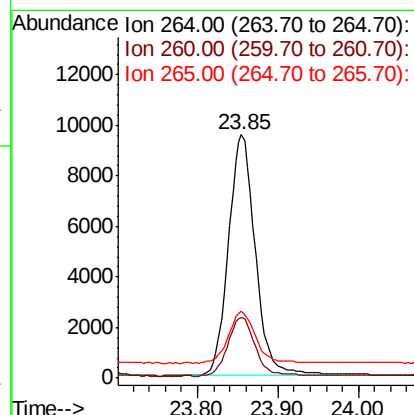
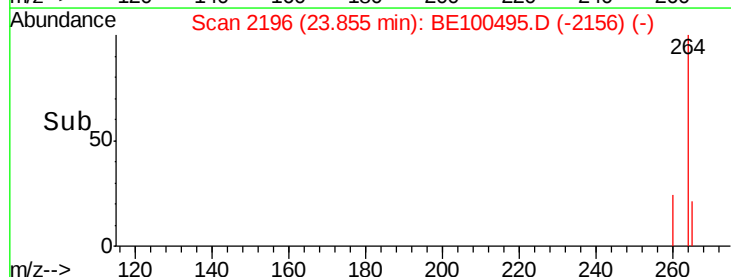
264 100

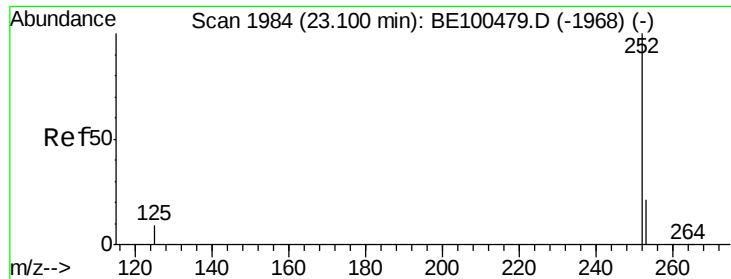
260 25.0 20.7 31.1

265 27.4 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: 0.317 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

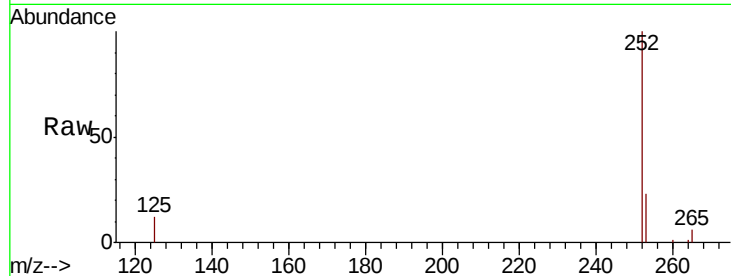
Tgt Ion:252 Resp: 19235

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

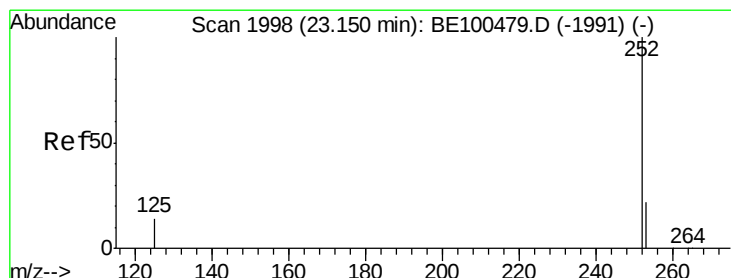
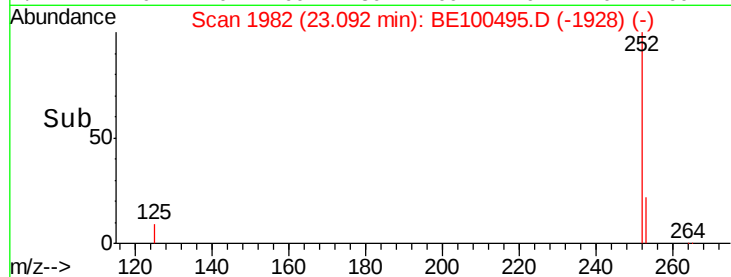
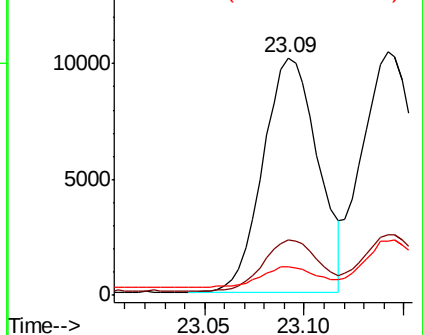
125 12.3 11.9 17.9



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: 0.343 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

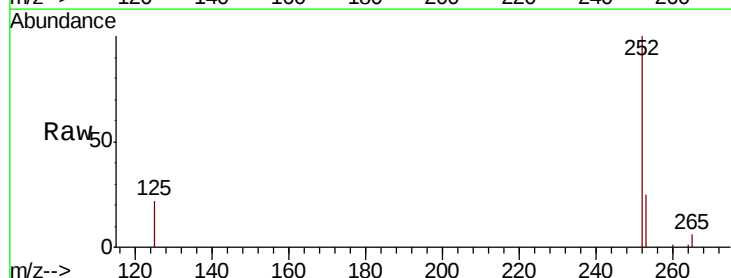
Tgt Ion:252 Resp: 21809

Ion Ratio Lower Upper

252 100

253 25.0 19.7 29.5

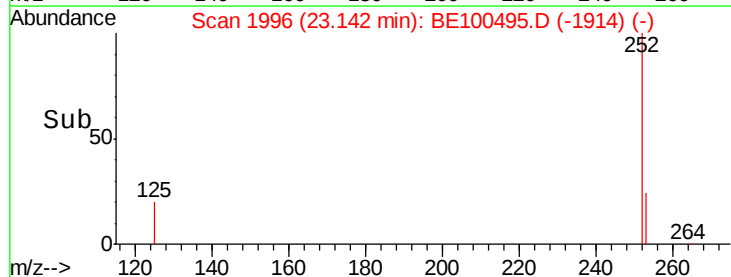
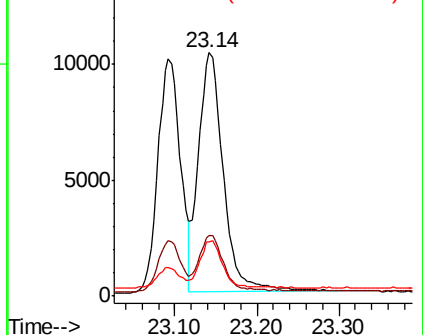
125 22.4 15.2 22.8

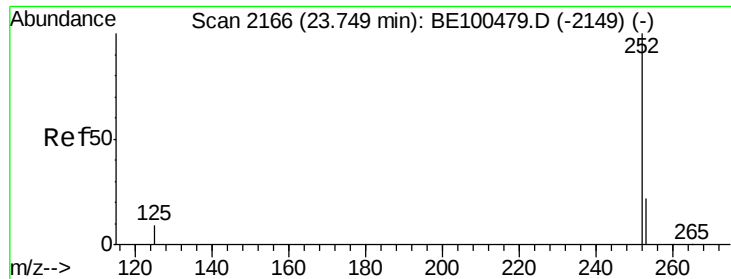


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS

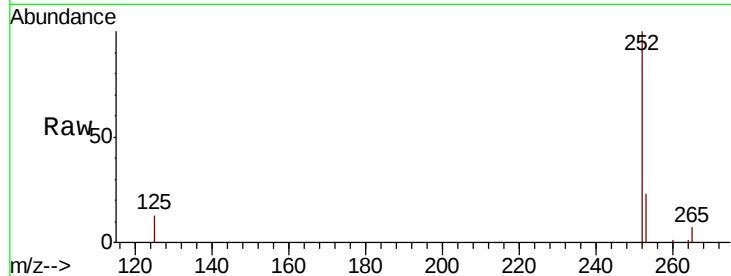
Tgt Ion:252 Resp: 20339

Ion Ratio Lower Upper

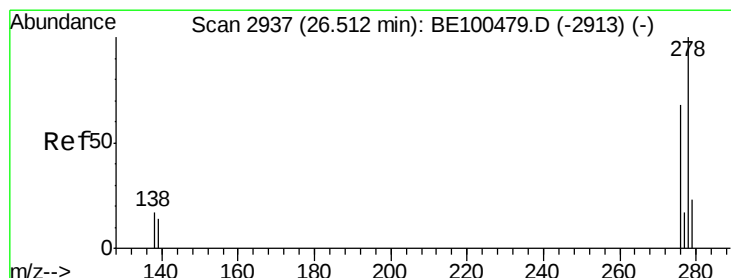
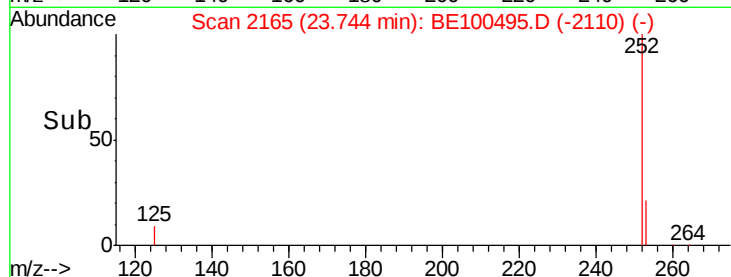
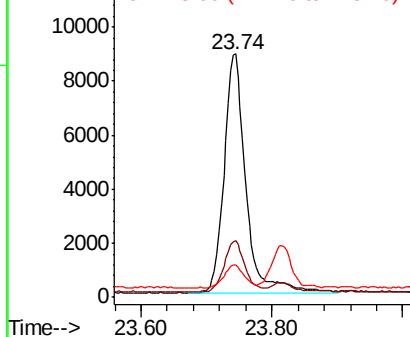
252 100

253 23.3 20.0 30.0

125 13.5 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: 0.339 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BE100495.D

Acq: 23 Jul 2019 11:12

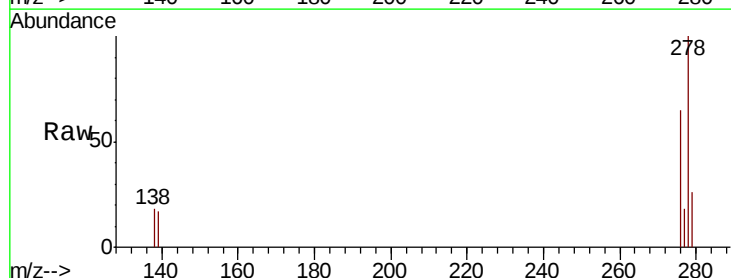
Tgt Ion:278 Resp: 18891

Ion Ratio Lower Upper

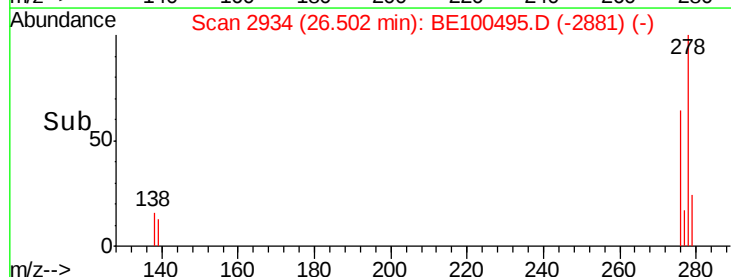
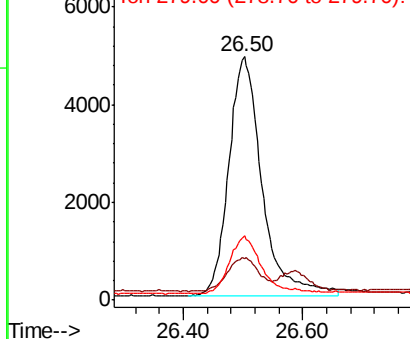
278 100

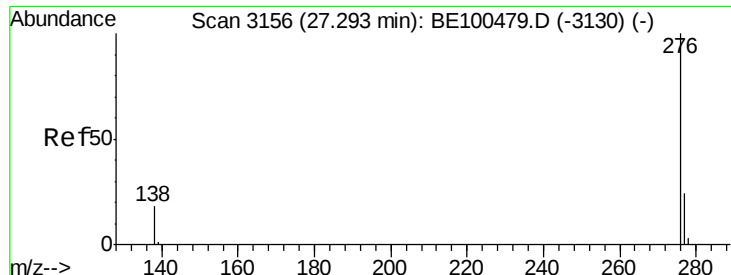
139 17.0 16.8 25.2

279 26.4 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: 0.350 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BE100495.D

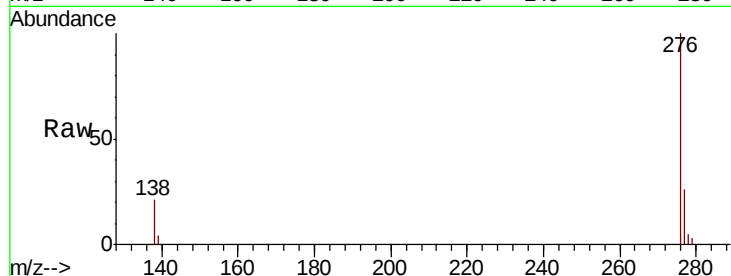
Acq: 23 Jul 2019 11:12

Instrument :

BNA_E

ClientSampleId :

PB121443BS



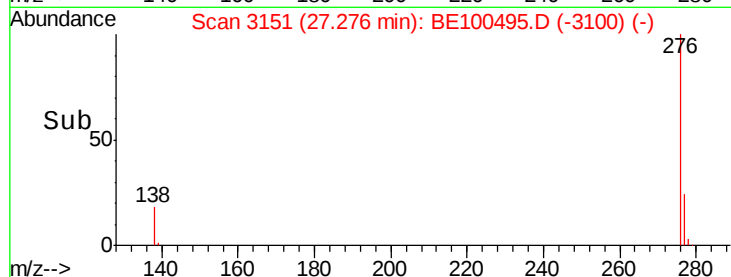
Tgt Ion: 276 Resp: 19934

Ion Ratio Lower Upper

276 100

277 26.0 22.0 33.0

138 20.5 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

