

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072219\
 Data File : BE100487.D
 Acq On : 22 Jul 2019 20:04
 Operator : HP/JU
 Sample : PB121559BL
 Misc : MDL-W-0.PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121559BL

Quant Time: Jul 23 07:38:04 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	7.88	152	2048	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7861	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4534	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	11266	0.40	ng	0.00
27) Chrysene-d12	21.38	240	16173	0.40	ng	0.00
34) Perylene-d12	23.86	264	18577	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1571	0.31	ng	0.00
5) Phenol-d6	7.03	99	1982	0.28	ng	0.00
8) Nitrobenzene-d5	9.02	82	1480	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3006	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	364	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4325	0.23	ng	0.00
25) Fluoranthene-d10	19.24	212	38241	0.25	ng	0.00
29) Terphenyl-d14	19.83	244	6647	0.17	ng	0.00

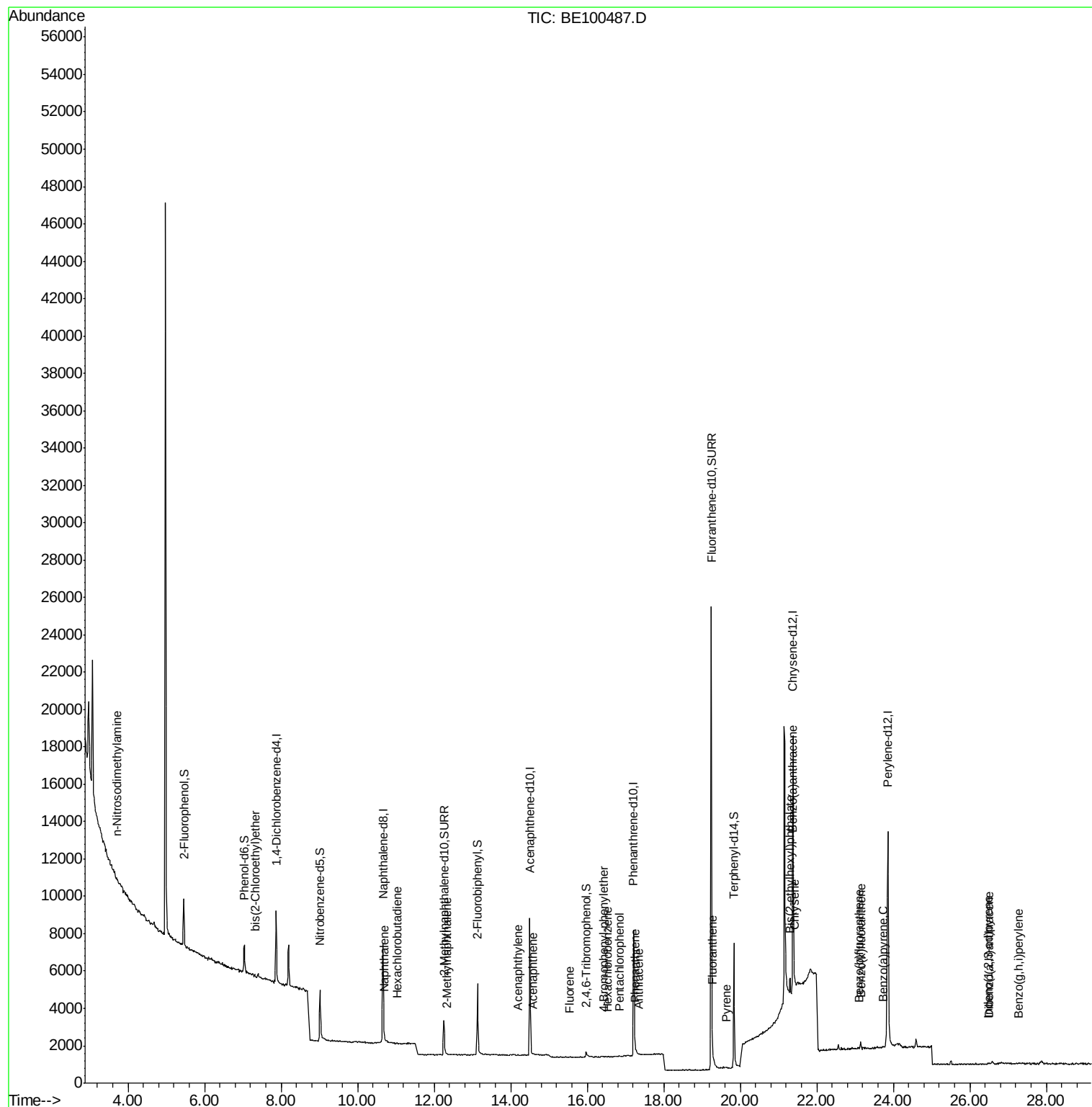
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.72	42	57	0.030	ng	# 1
6) bis(2-Chloroethyl)ether	7.32	93	32	0.005	ng	# 1
9) Naphthalene	10.71	128	153	0.002	ng	# 51
10) Hexachlorobutadiene	11.03	225	15	0.004	ng	# 36
12) 2-Methylnaphthalene	12.32	142	3	0.000	ng	# 27
16) Acenaphthylene	14.18	152	29	0.001	ng	# 60
17) Acenaphthene	14.57	154	10	0.001	ng	# 23
18) Fluorene	15.54	166	10	0.001	ng	# 9
20) 4-Bromophenyl-phenylether	16.44	248	16	0.003	ng	# 61
21) Hexachlorobenzene	16.53	284	6	0.001	ng	# 42
22) Pentachlorophenol	16.85	266	14	0.156	ng	# 71
23) Phenanthrene	17.26	178	49	0.002	ng	# 57
24) Anthracene	17.35	178	25	0.001	ng	# 43
26) Fluoranthene	19.27	202	85	0.002	ng	# 85
28) Pyrene	19.63	202	58	0.001	ng	# 55
30) Benzo(a)anthracene	21.37	228	145	0.003	ng	# 1
31) Chrysene	21.41	228	69	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.30	149	1588	0.014	ng	# 92
33) Indeno(1,2,3-cd)pyrene	26.47	276	30	0.001	ng	# 48
35) Benzo(b)fluoranthene	23.10	252	79	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	22	0.000	ng	# 1
37) Benzo(a)pyrene	23.73	252	22	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.51	278	6	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.27	276	21	0.000	ng	# 1

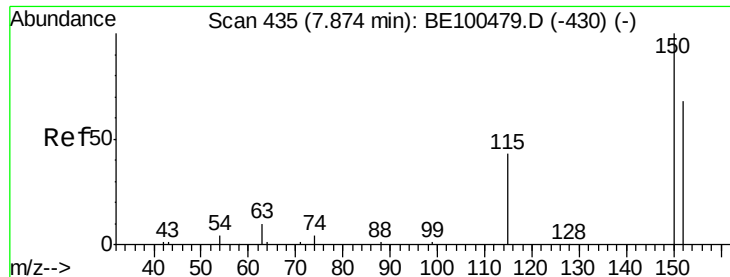
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

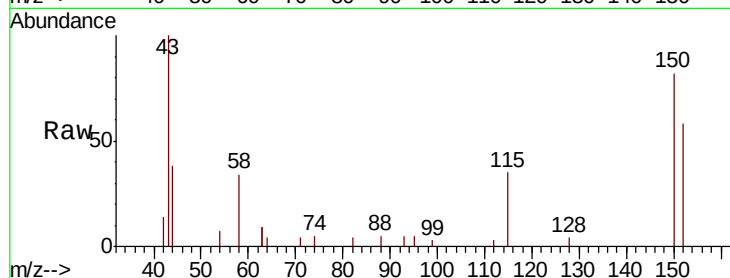
Tgt Ion:152 Resp: 2048

Ion Ratio Lower Upper

152 100

150 141.9 115.0 172.6

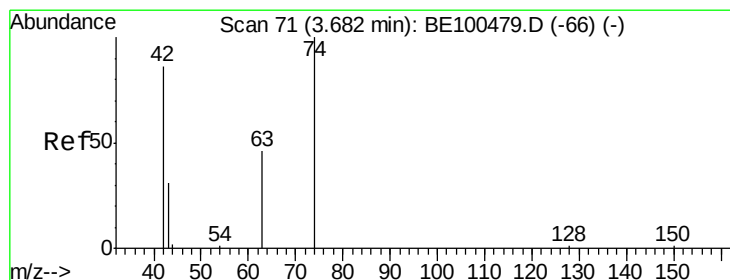
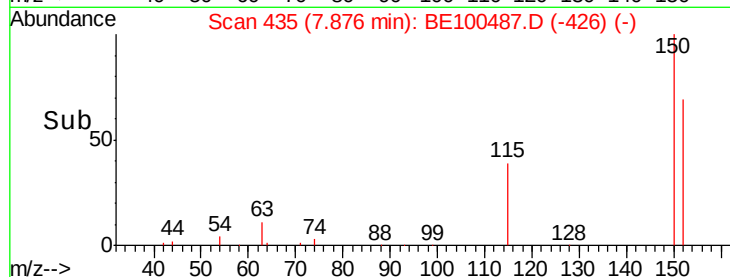
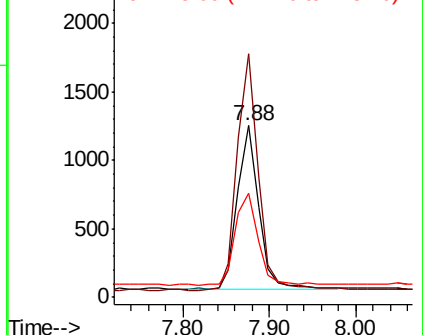
115 61.1 52.9 79.3



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



#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.04 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

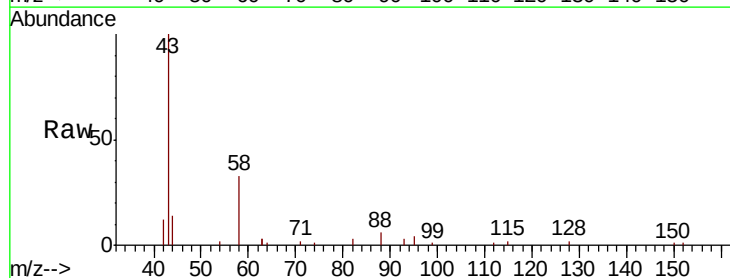
Tgt Ion: 42 Resp: 57

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

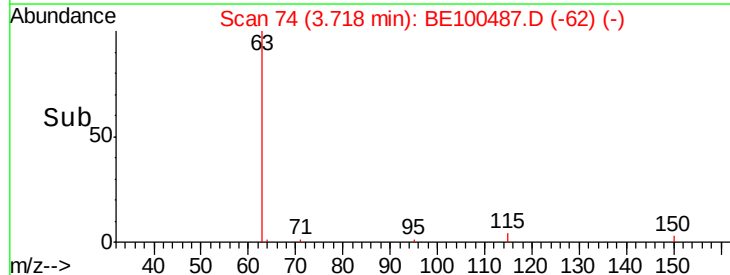
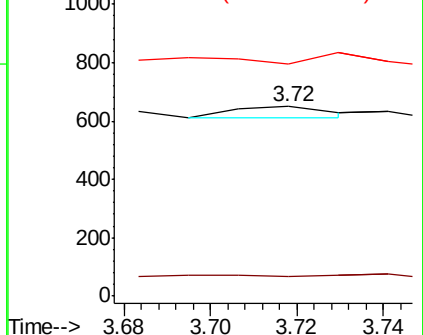
44 50.9 9.6 14.4#

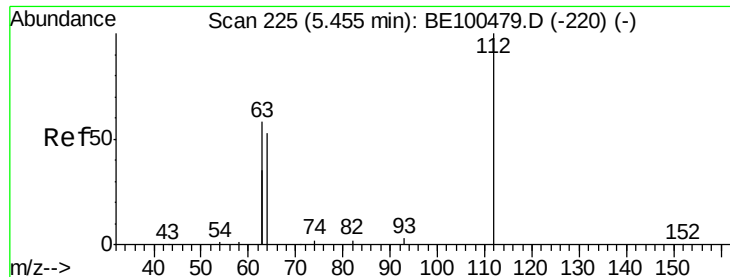


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.314 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

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PB121559BL

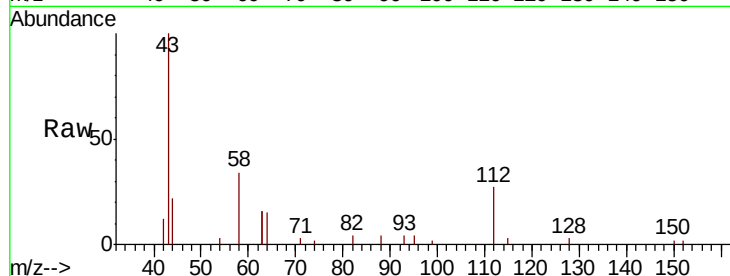
Tgt Ion: 112 Resp: 1571

Ion Ratio Lower Upper

112 100

64 67.0 54.1 81.1

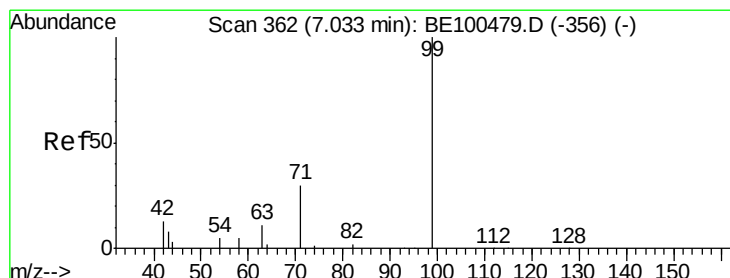
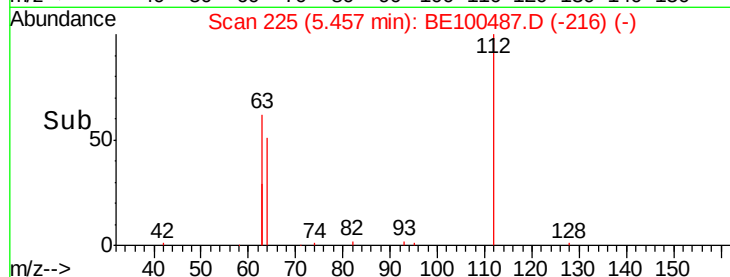
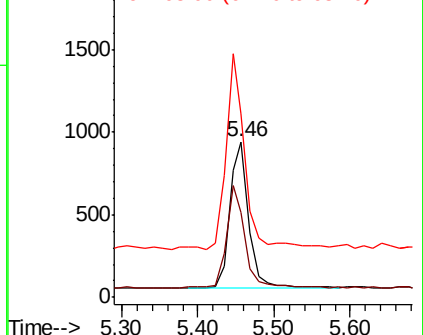
63 133.6 104.6 157.0



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.278 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

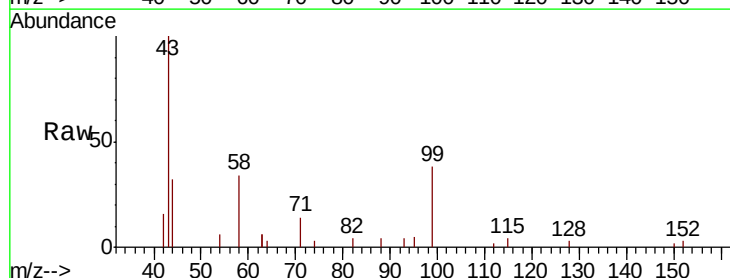
Tgt Ion: 99 Resp: 1982

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

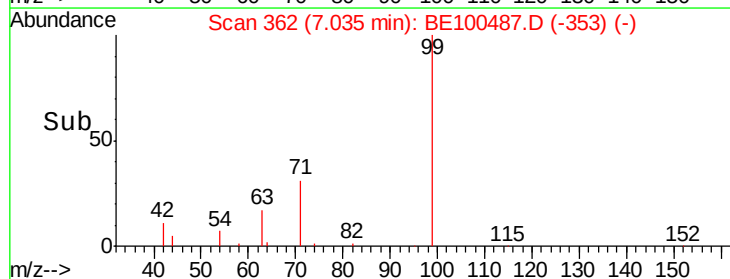
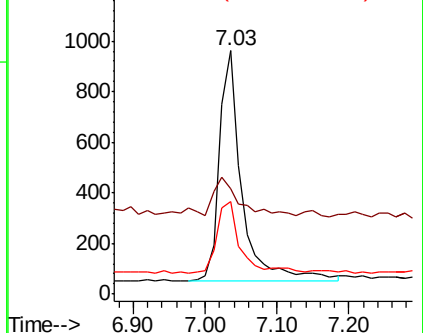
71 31.5 26.4 39.6

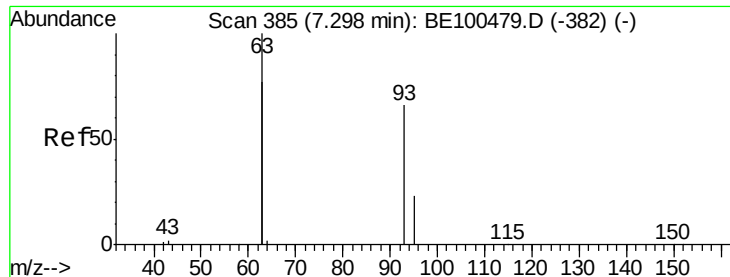


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

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PB121559BL

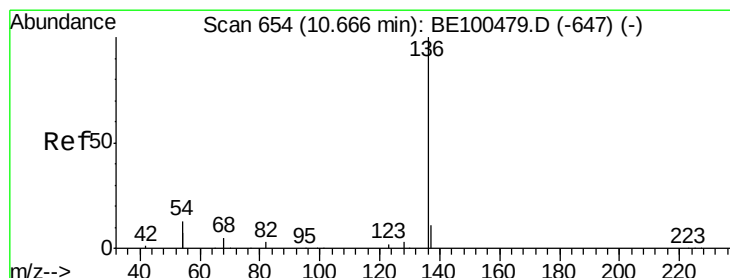
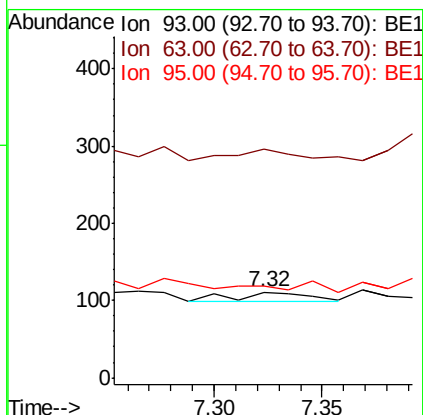
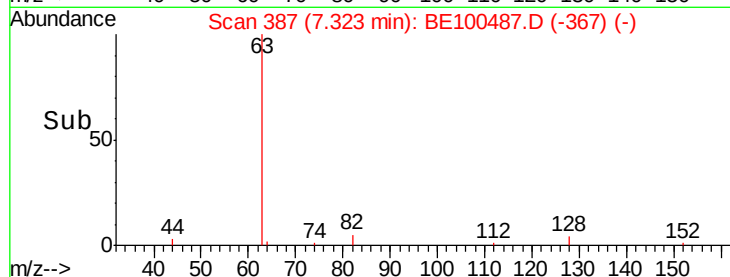
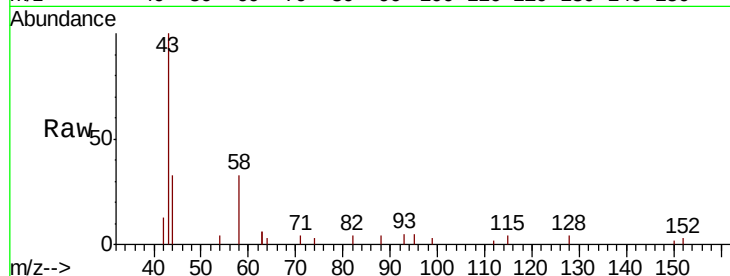
Tgt Ion: 93 Resp: 32

Ion Ratio Lower Upper

93 100

63 59.4 248.3 372.5#

95 0.0 25.4 38.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Tgt Ion: 136 Resp: 7861

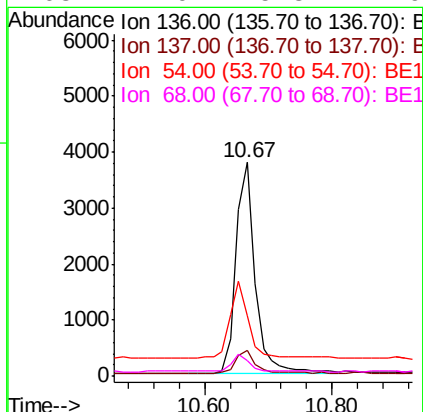
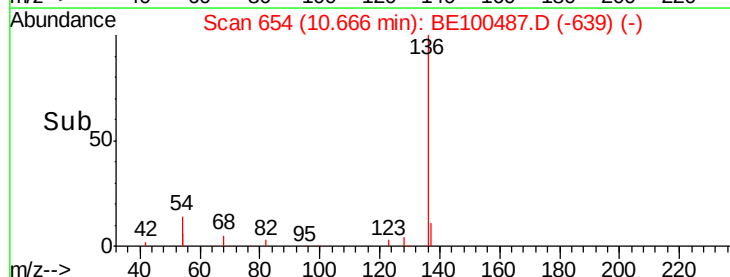
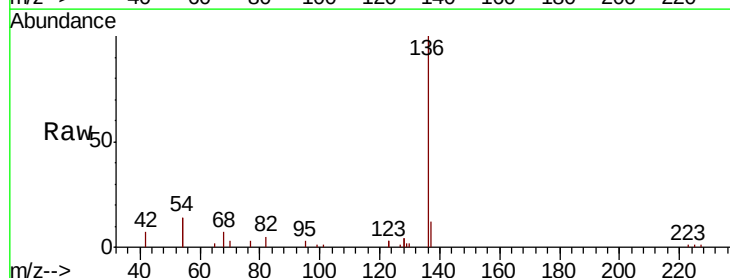
Ion Ratio Lower Upper

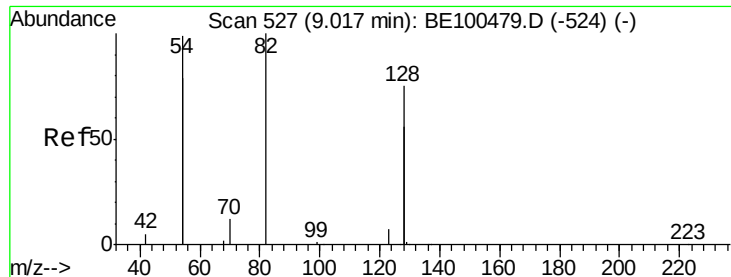
136 100

137 12.3 9.8 14.6

54 28.3 20.6 31.0

68 7.0 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.226 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

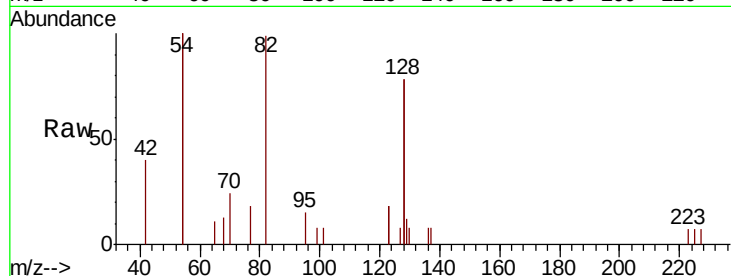
Tgt Ion: 82 Resp: 1480

Ion Ratio Lower Upper

82 100

128 157.8 113.6 170.4

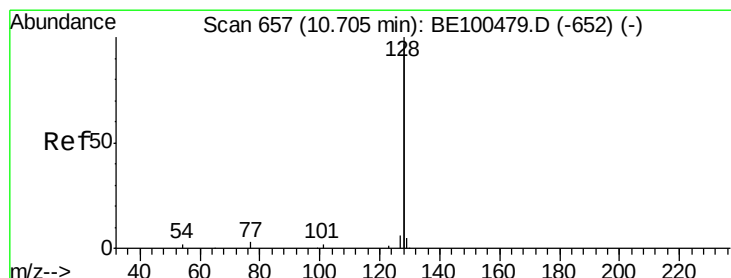
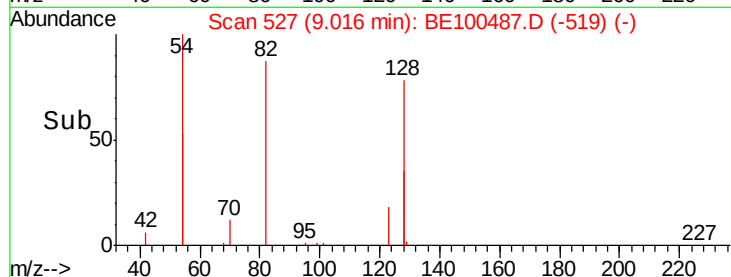
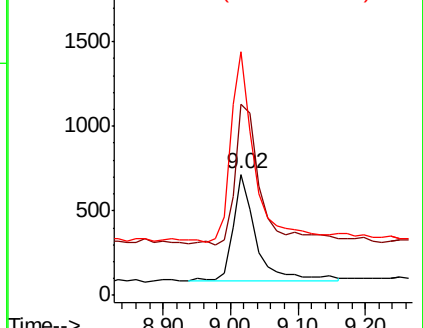
54 201.1 150.6 226.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.002 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

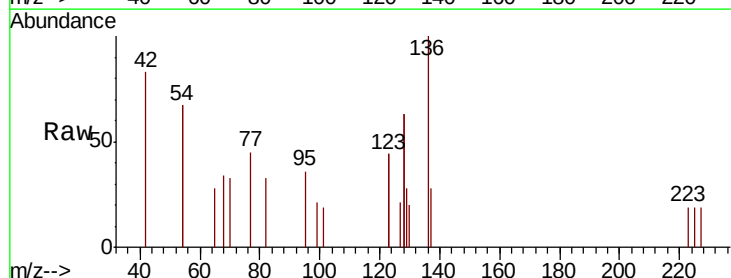
Tgt Ion: 128 Resp: 153

Ion Ratio Lower Upper

128 100

129 22.5 2.3 3.5#

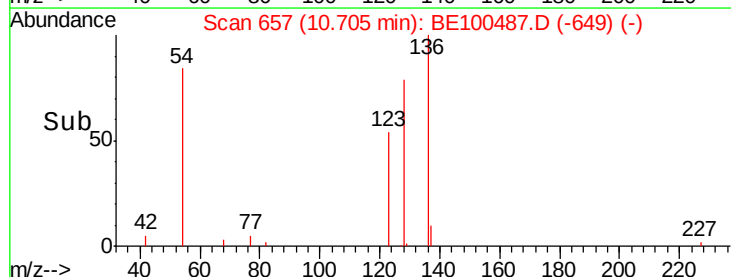
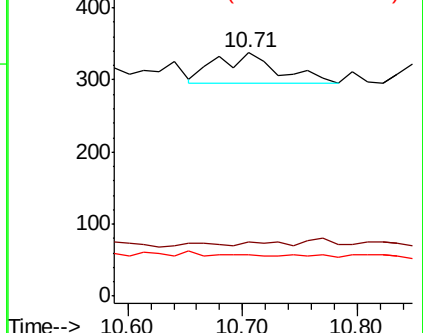
127 16.9 2.7 4.1#

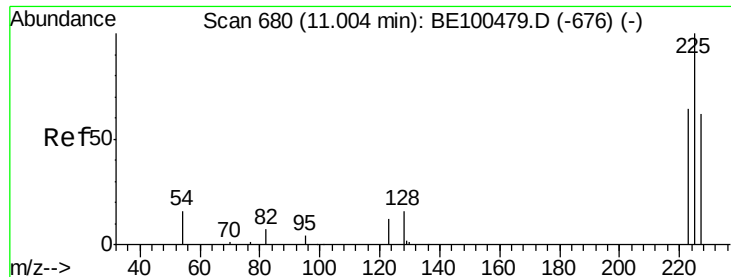


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

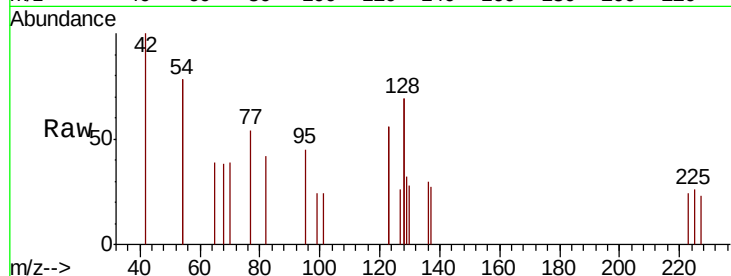




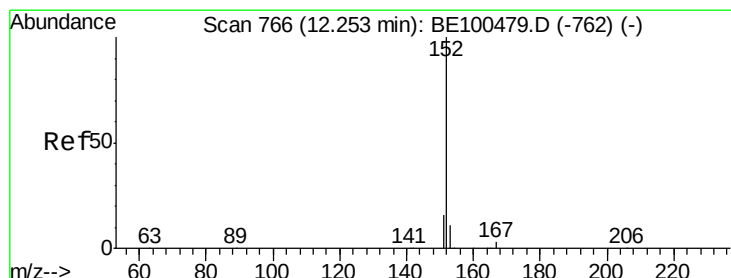
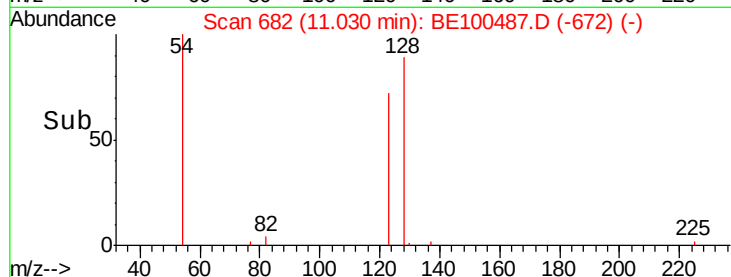
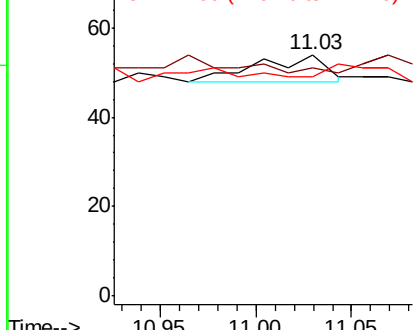
#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.03 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
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Tgt Ion: 225 Resp: 15
Ion Ratio Lower Upper
225 100
223 0.0 49.4 74.0#
227 26.7 51.4 77.2#

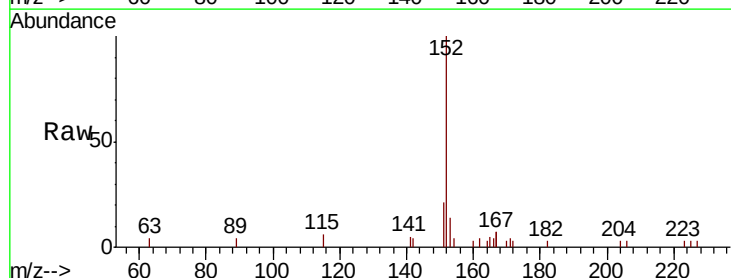


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

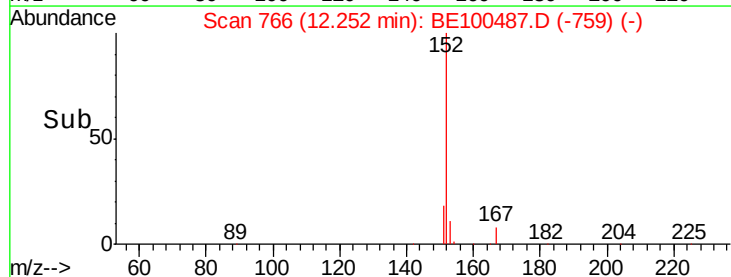
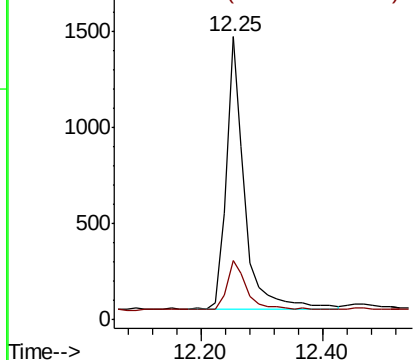


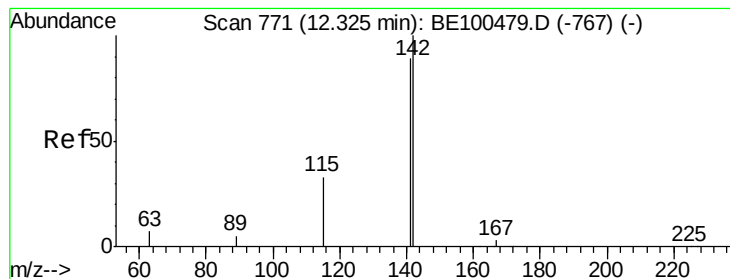
#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion: 152 Resp: 3006
Ion Ratio Lower Upper
152 100
151 19.6 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: 0.000 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

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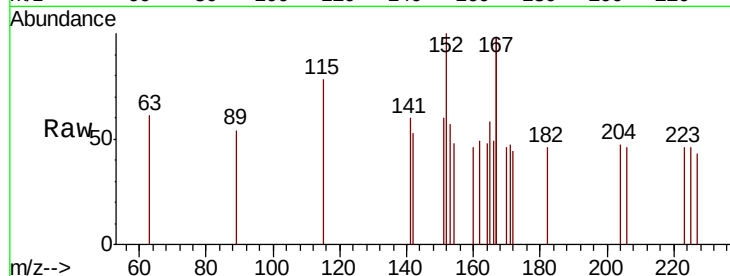
Tgt Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 113.6 71.7 107.5#

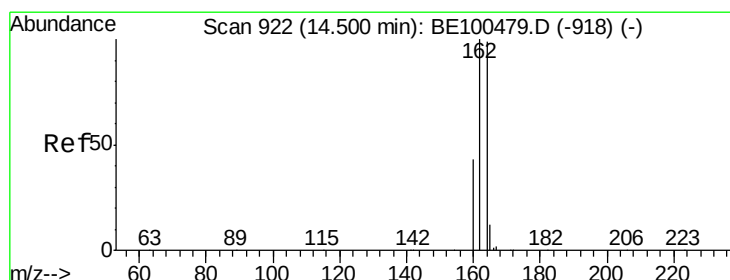
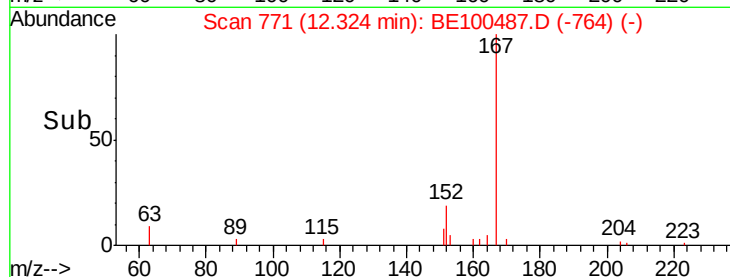
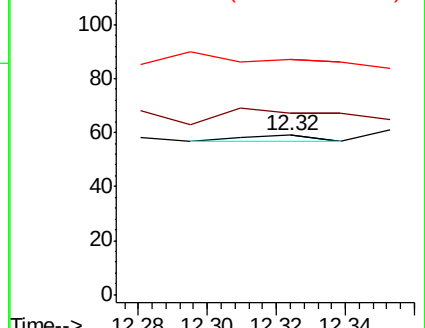
115 147.5 27.8 41.6#



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: BE100487.D

Acq: 22 Jul 2019 20:04

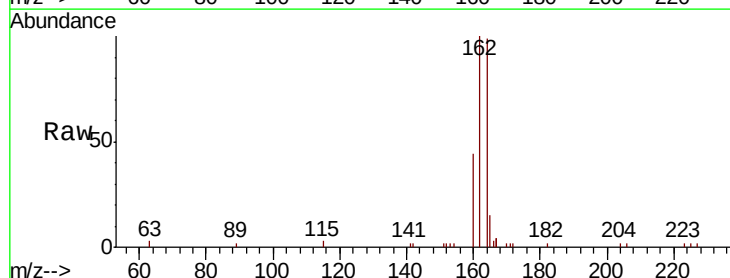
Tgt Ion:164 Resp: 4534

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

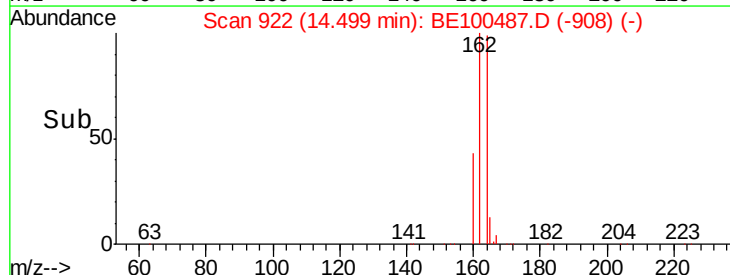
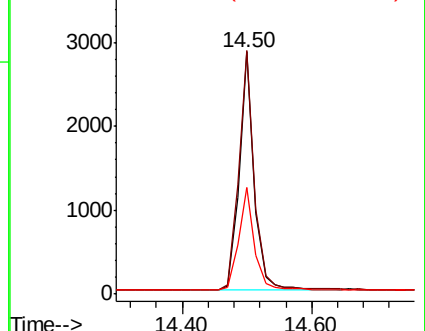
160 44.1 34.9 52.3

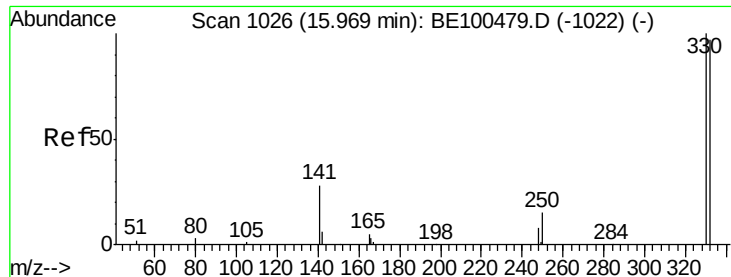


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

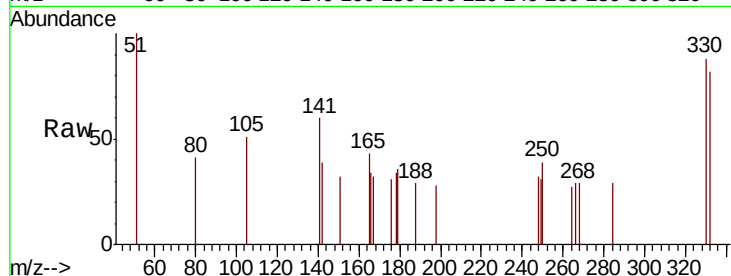




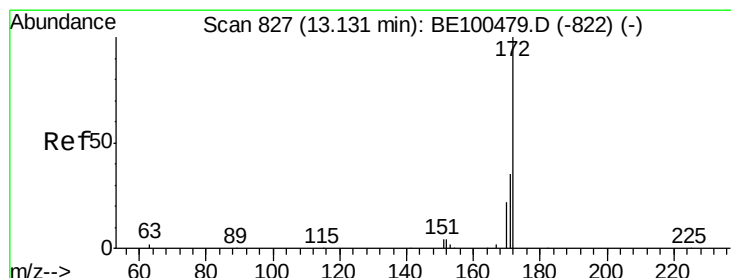
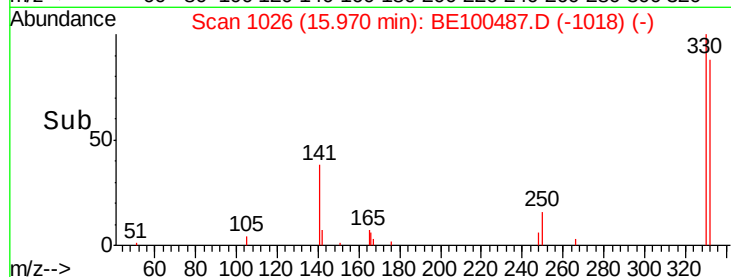
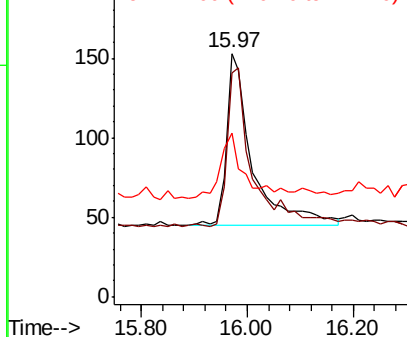
#14
 2,4,6-Tribromophenol
 Concen: 0.185 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100487.D
 Acq: 22 Jul 2019 20:04

Instrument :
 BNA_E
 ClientSampleId :
 PB121559BL

Tgt Ion: 330 Resp: 364
 Ion Ratio Lower Upper
 330 100
 332 93.7 80.5 120.7
 141 34.6 29.9 44.9

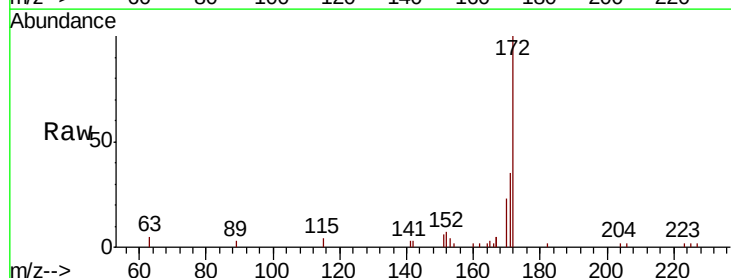


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

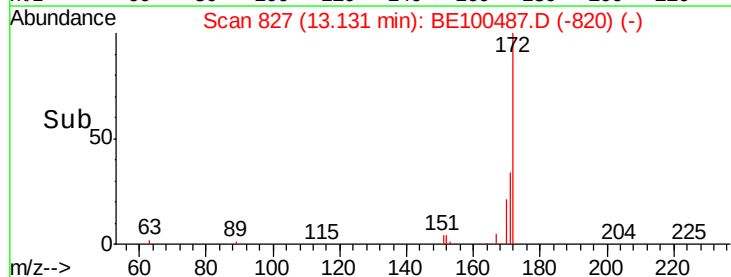
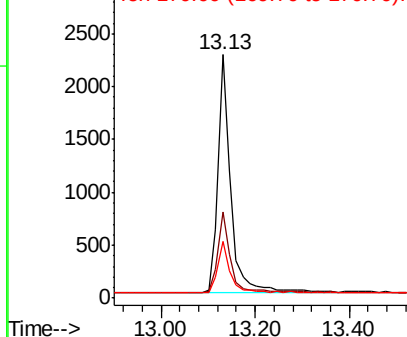


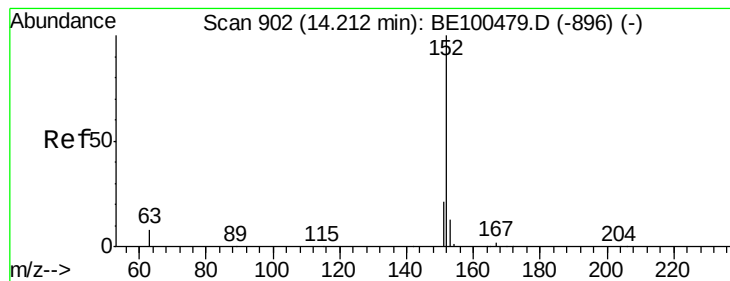
#15
 2-Fluorobiphenyl
 Concen: 0.235 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BE100487.D
 Acq: 22 Jul 2019 20:04

Tgt Ion: 172 Resp: 4325
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 23.2 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: 0.001 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.03 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

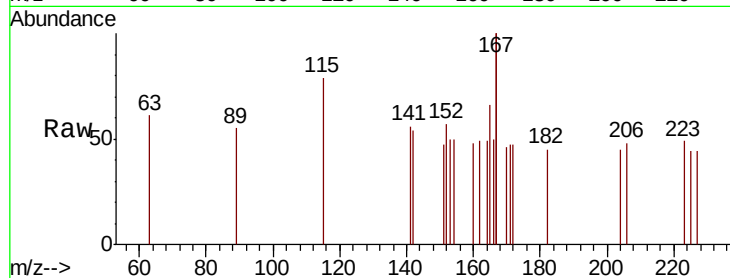
Tgt Ion:152 Resp: 29

Ion Ratio Lower Upper

152 100

151 0.0 16.1 24.1#

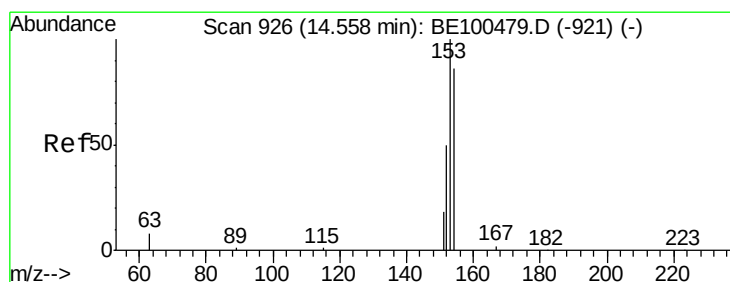
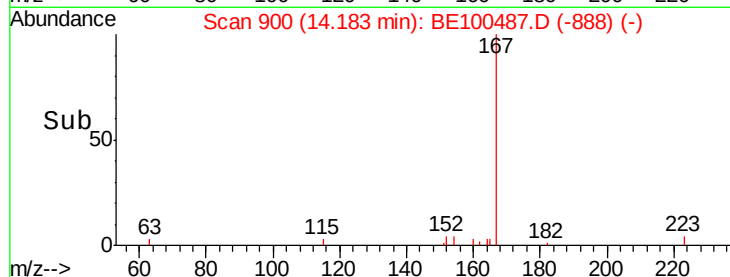
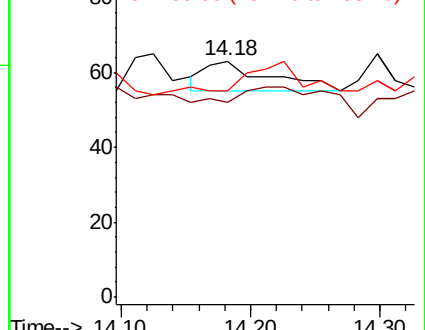
153 0.0 10.6 16.0#



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: 0.001 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

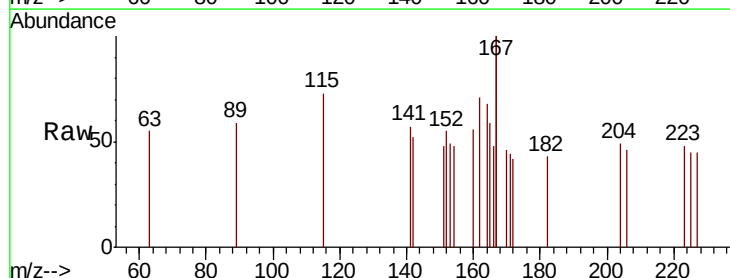
Tgt Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 30.0 90.8 136.2#

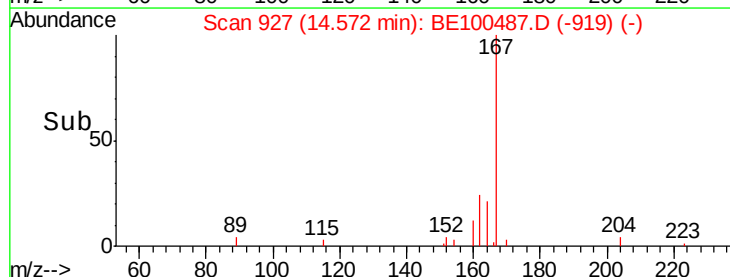
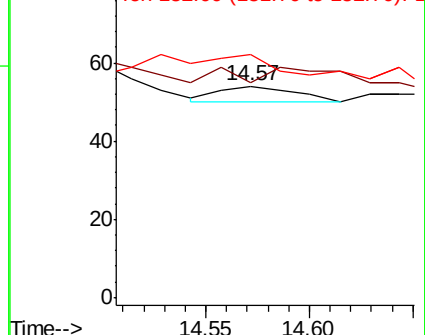
152 0.0 45.1 67.7#

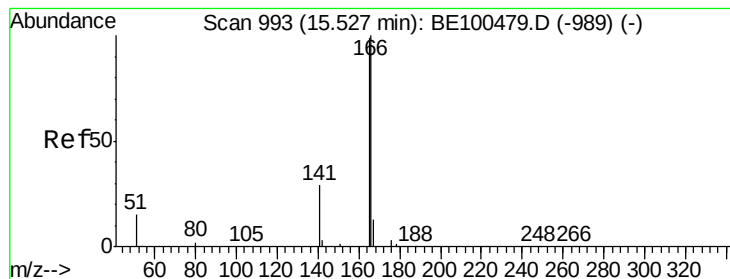


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampled :

PB121559BL

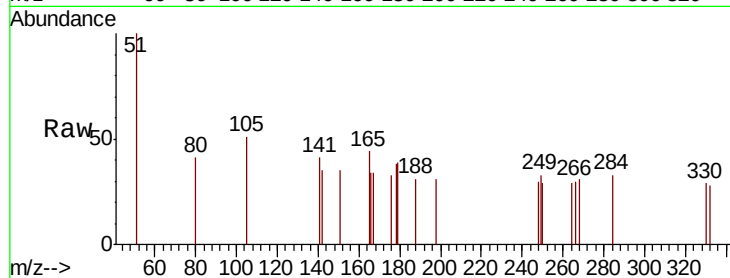
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

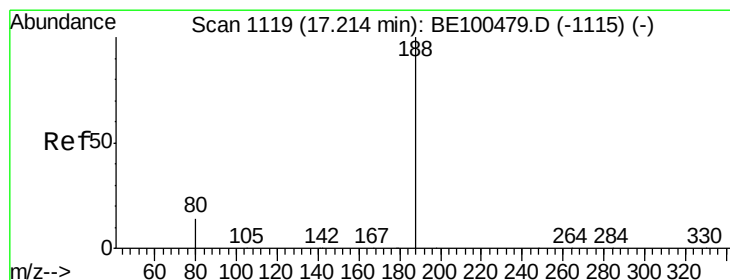
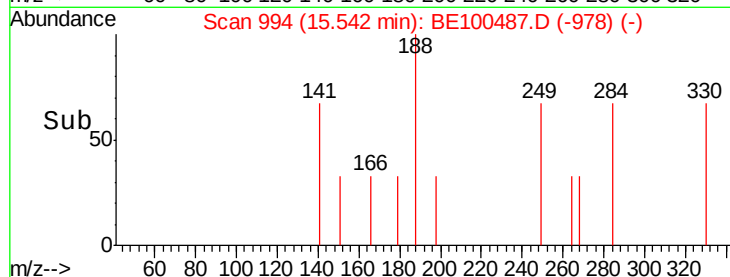
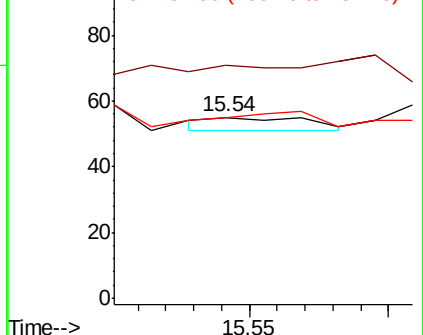
167 0.0 10.9 16.3#



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: BE100487.D

Acq: 22 Jul 2019 20:04

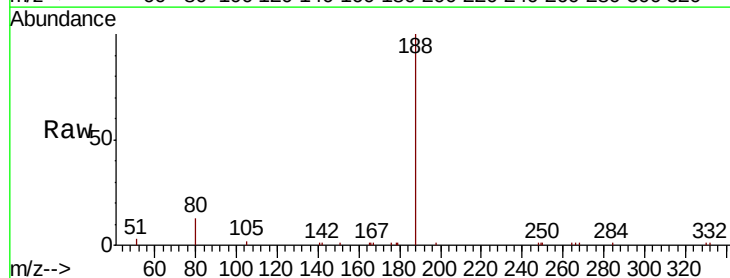
Tgt Ion:188 Resp: 11266

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

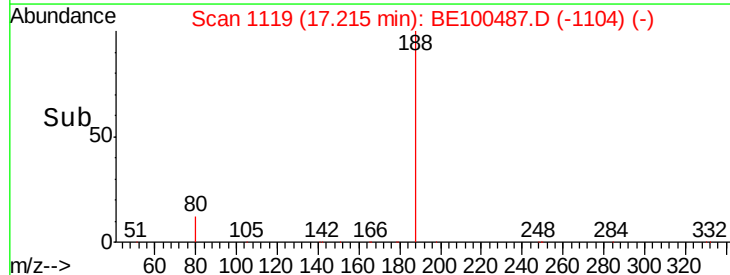
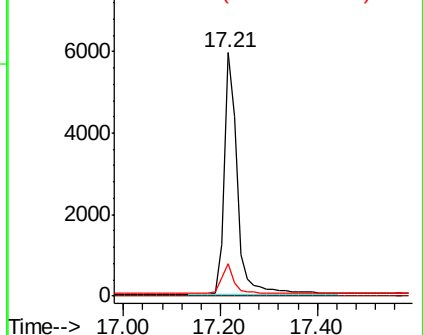
80 13.5 11.9 17.9

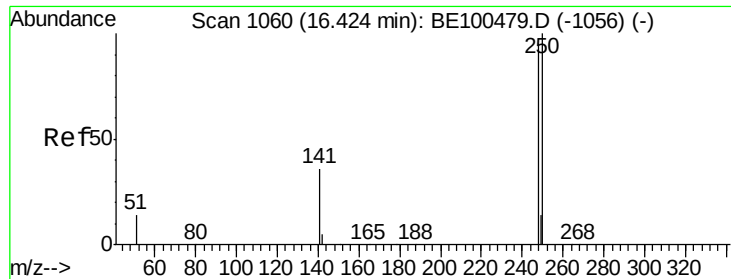


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#20

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

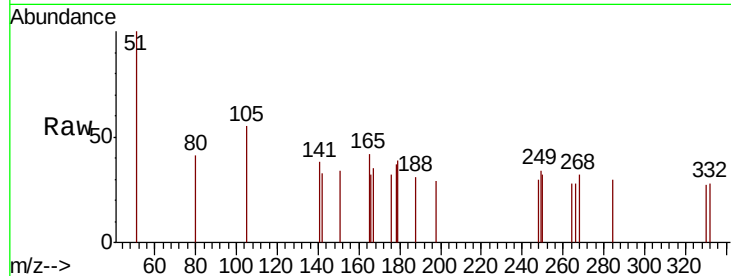
Tgt Ion:248 Resp: 16

Ion Ratio Lower Upper

248 100

250 106.0 84.4 126.6

141 128.0 32.2 48.2#

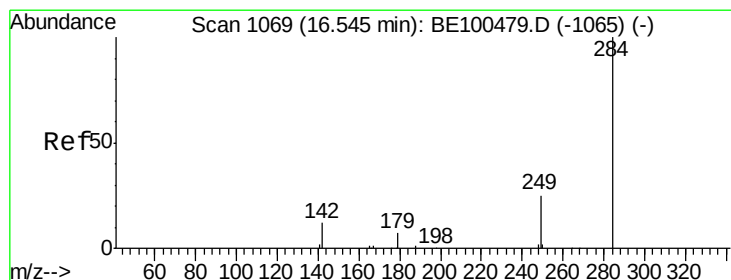
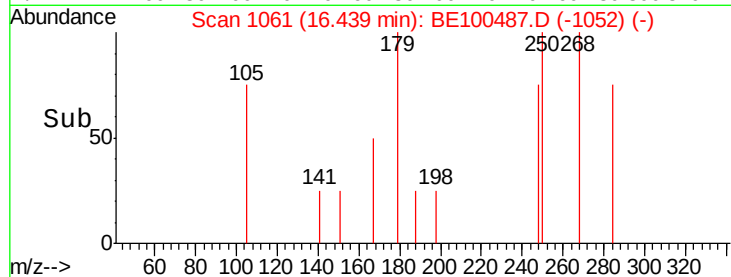
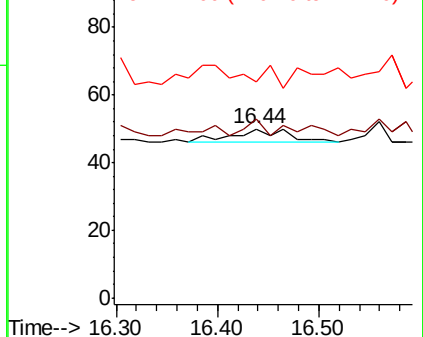


Abundance

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: 0.001 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

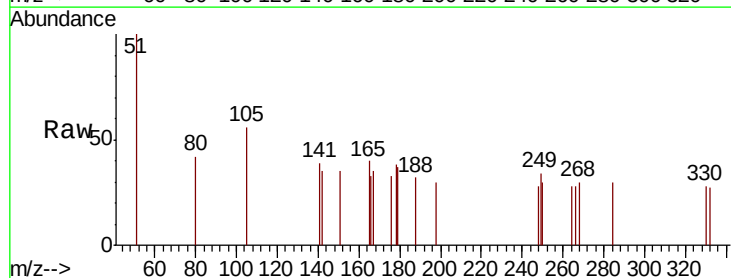
Tgt Ion:284 Resp: 6

Ion Ratio Lower Upper

284 100

142 0.0 26.7 40.1#

249 0.0 25.0 37.4#

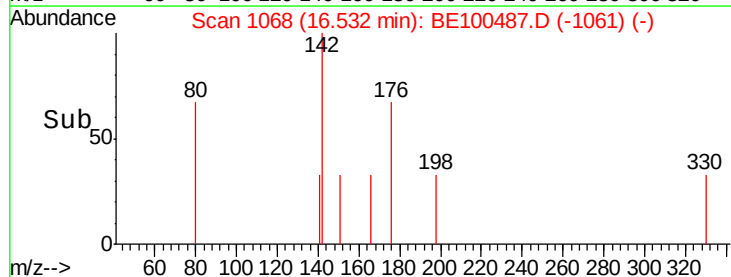
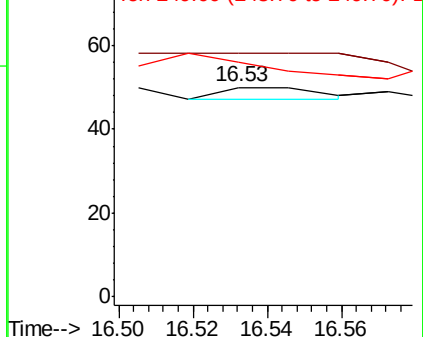


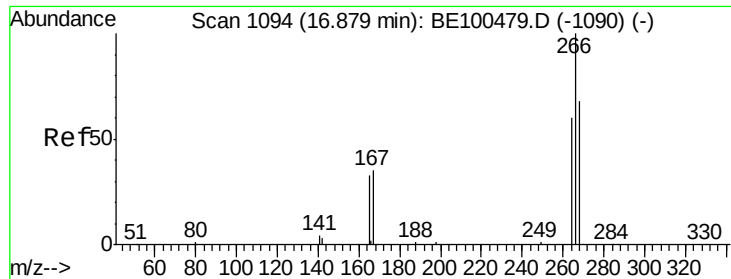
Abundance

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: 0.156 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

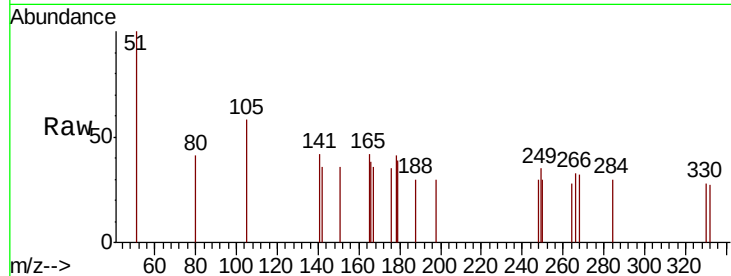
Tgt Ion: 266 Resp: 14

Ion Ratio Lower Upper

266 100

264 83.6 50.4 75.6#

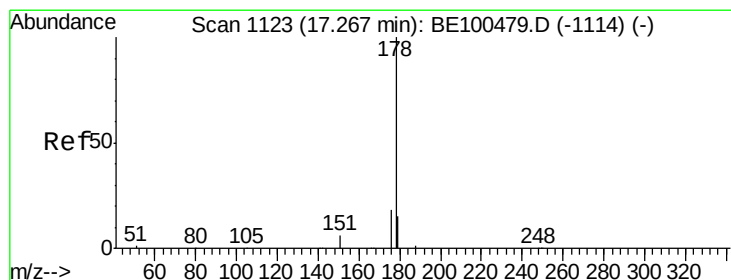
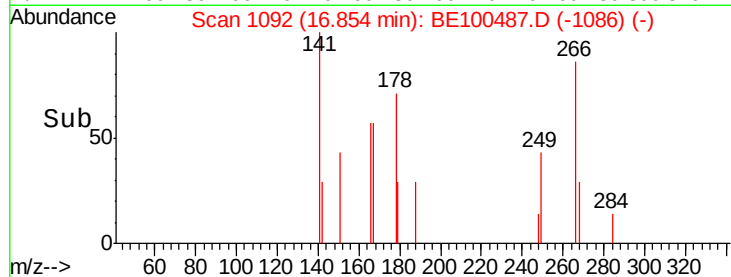
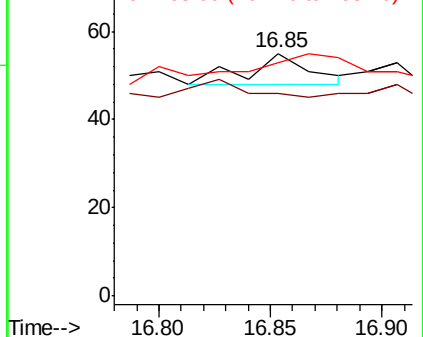
268 96.4 56.6 85.0#



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: 0.002 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

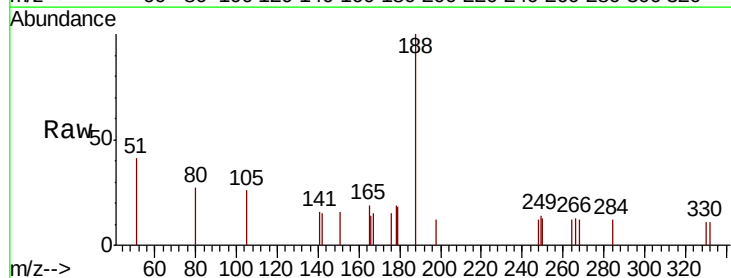
Tgt Ion: 178 Resp: 49

Ion Ratio Lower Upper

178 100

176 40.8 15.4 23.2#

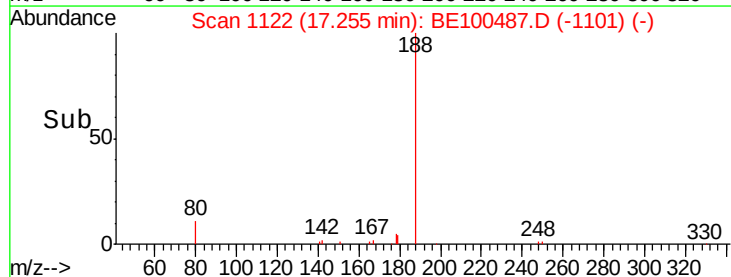
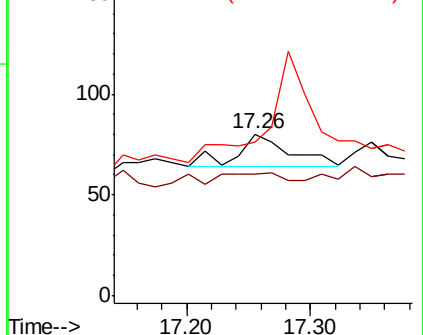
179 0.0 12.6 18.8#

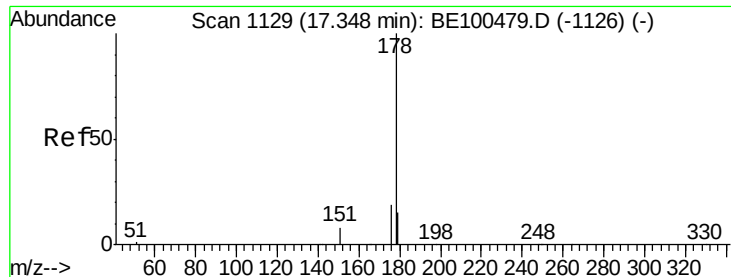


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.001 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

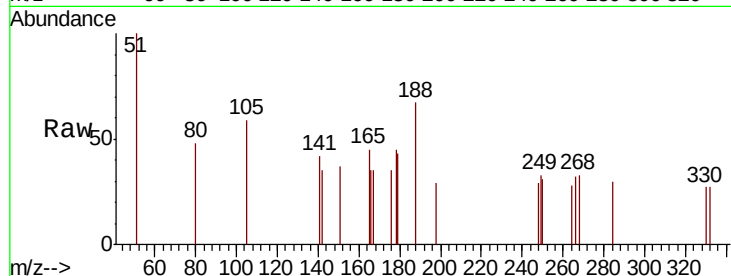
Tgt Ion:178 Resp: 25

Ion Ratio Lower Upper

178 100

176 52.0 15.3 22.9#

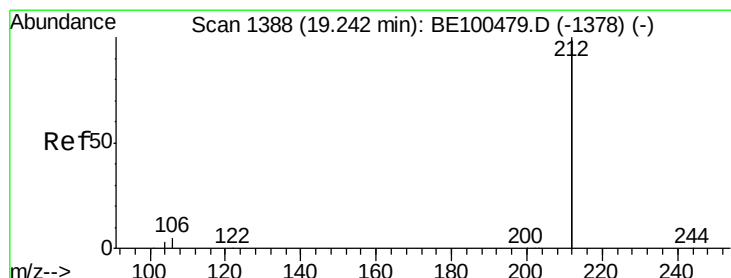
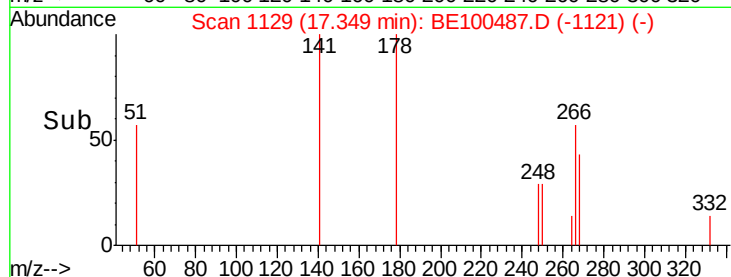
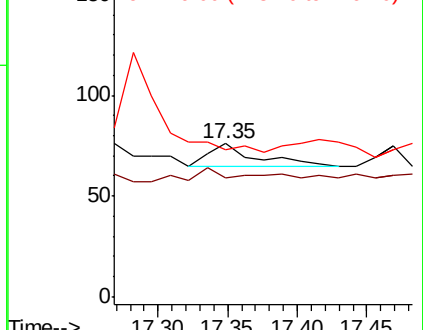
179 0.0 12.2 18.2#



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: 0.248 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

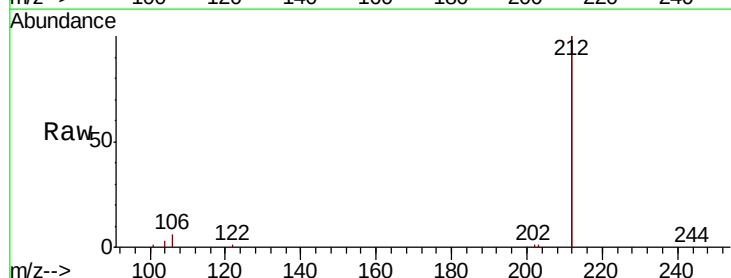
Tgt Ion:212 Resp: 38241

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.4

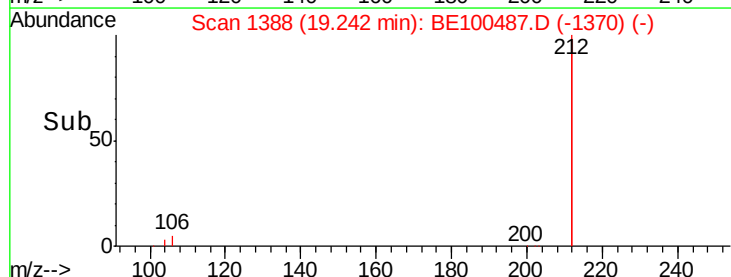
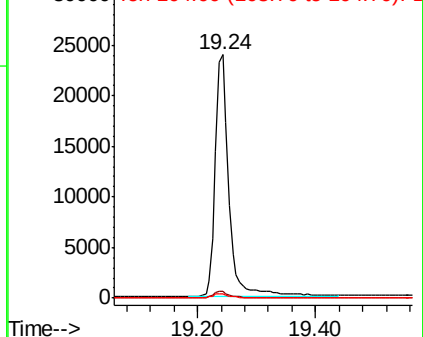
104 1.5 1.2 1.8

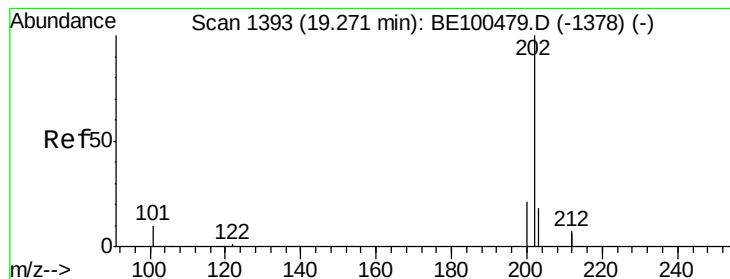


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.002 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

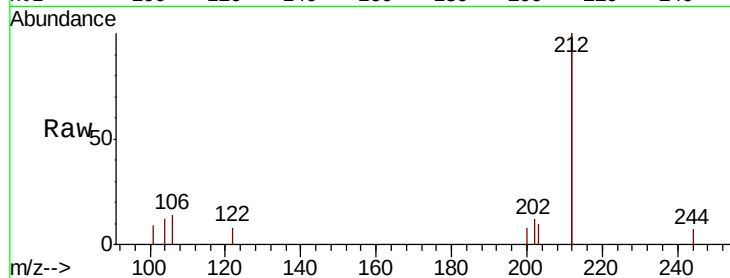
Instrument :

BNA_E

ClientSampleId :

PB121559BL

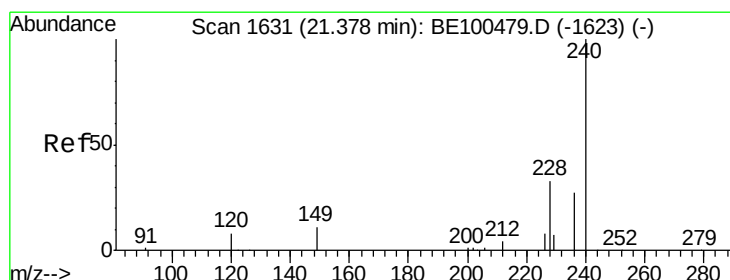
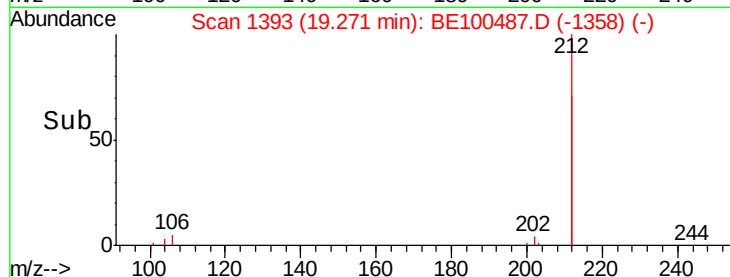
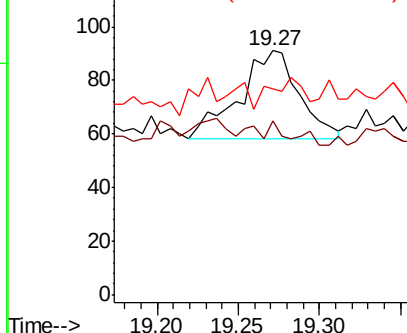
Tgt Ion:	202	Resp:	85
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.0	12.0#
203	20.0	13.5	20.3



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

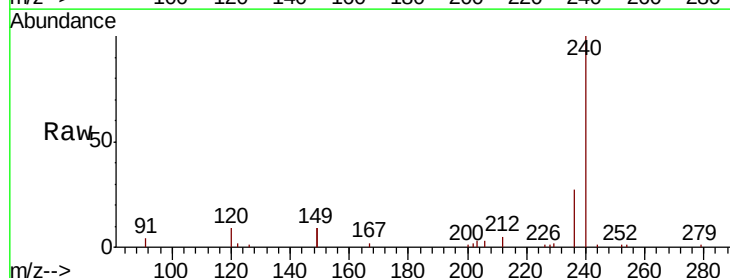
RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

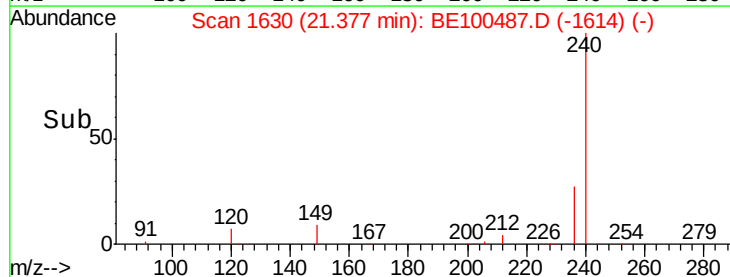
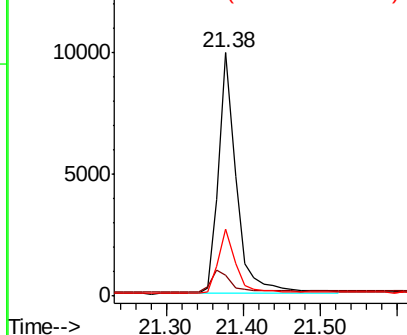
Tgt Ion:	240	Resp:	16173
Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.2	12.2
236	27.4	22.6	34.0

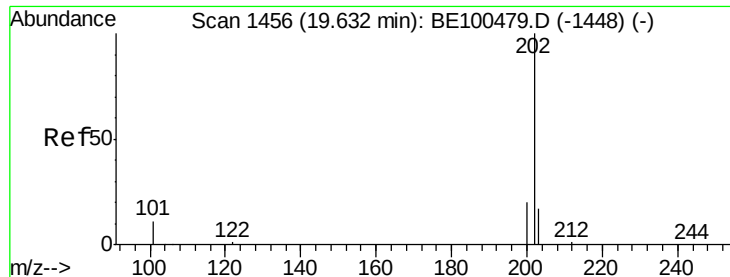


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.001 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

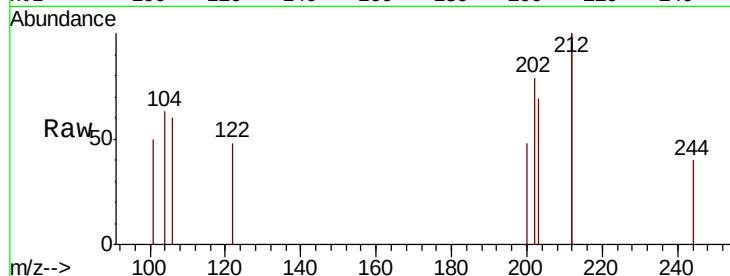
Tgt Ion: 202 Resp: 58

Ion Ratio Lower Upper

202 100

200 36.2 16.6 24.8#

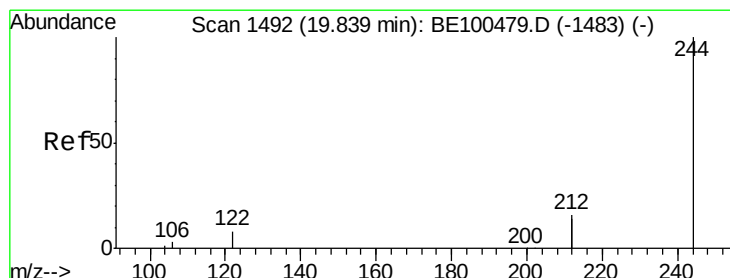
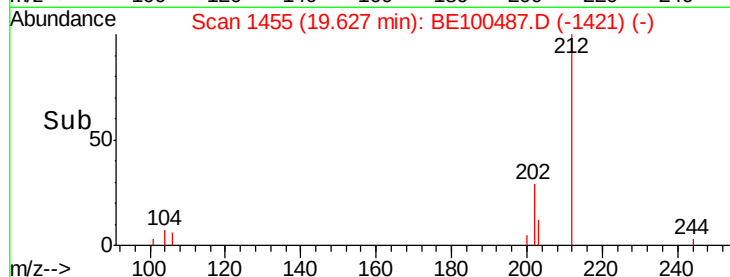
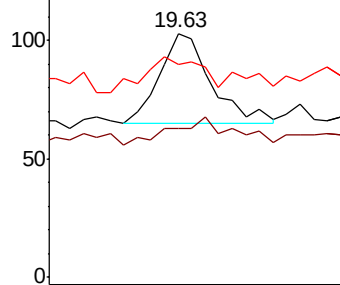
203 43.1 14.1 21.1#



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: 0.166 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

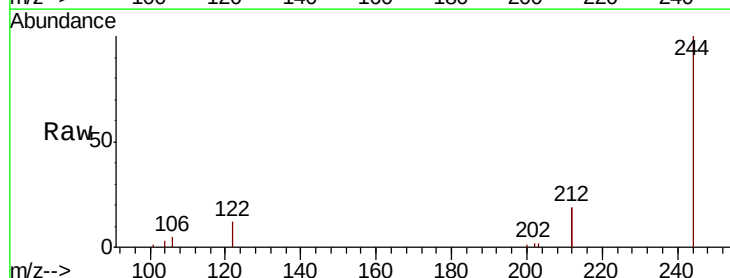
Tgt Ion: 244 Resp: 6647

Ion Ratio Lower Upper

244 100

212 37.8 25.6 38.4

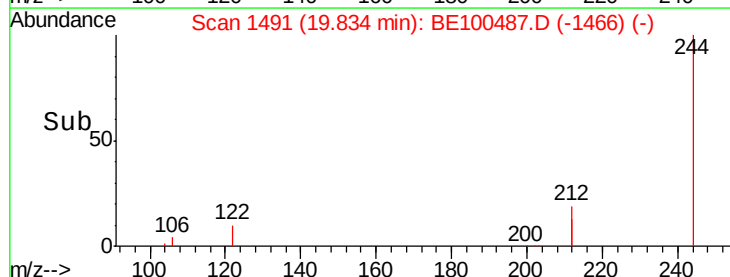
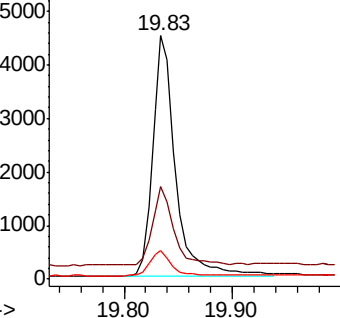
122 11.7 7.2 10.8#

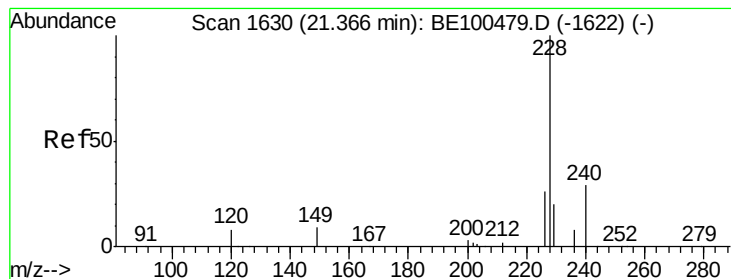


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

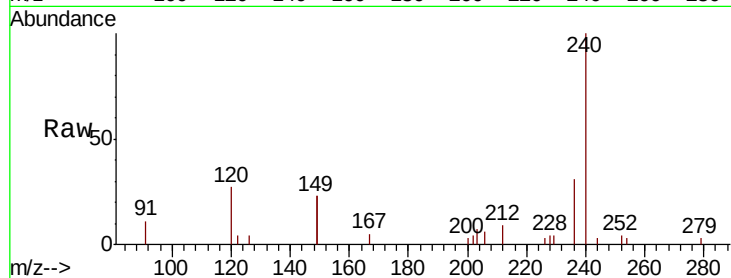
Tgt Ion:228 Resp: 145

Ion Ratio Lower Upper

228 100

226 84.1 21.4 32.2#

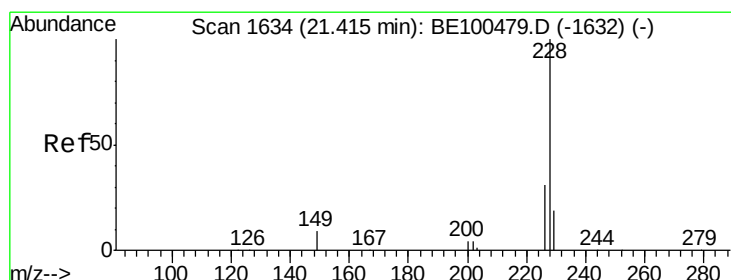
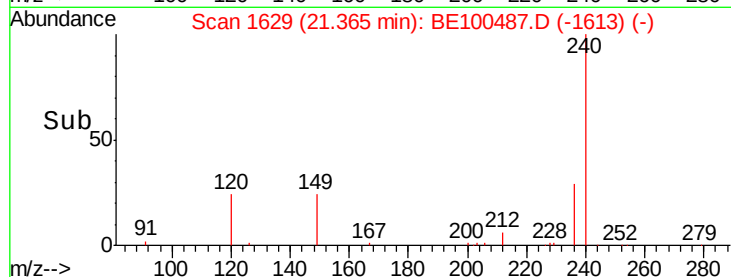
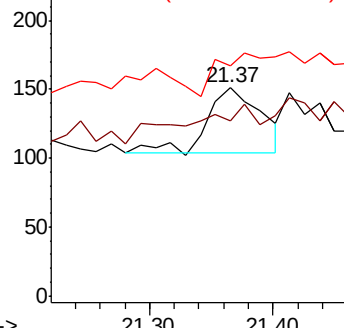
229 110.6 17.3 25.9#



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: 0.001 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

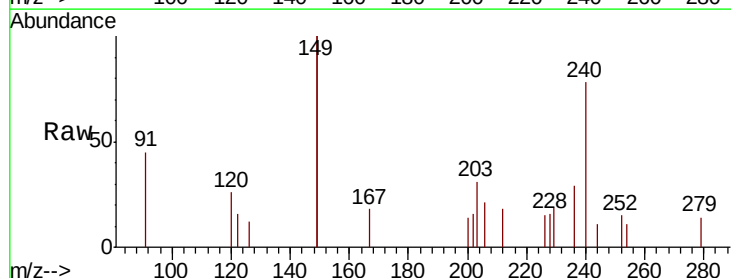
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 97.3 25.0 37.6#

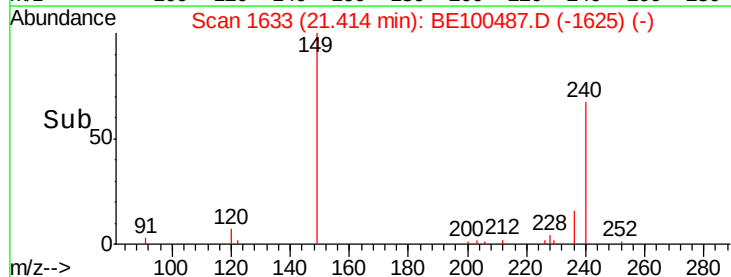
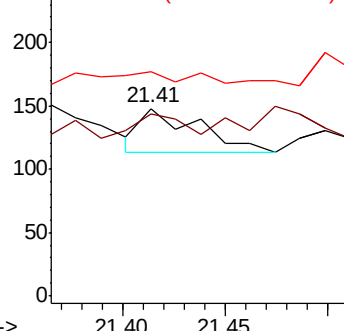
229 119.6 16.7 25.1#

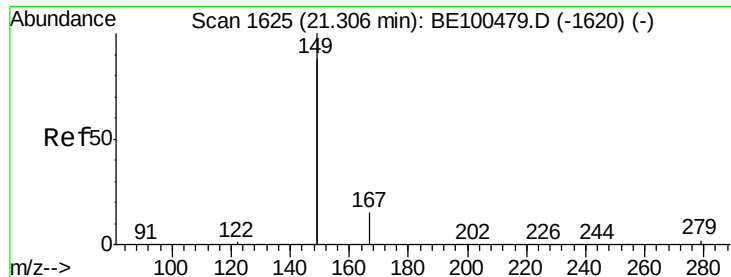


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.014 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

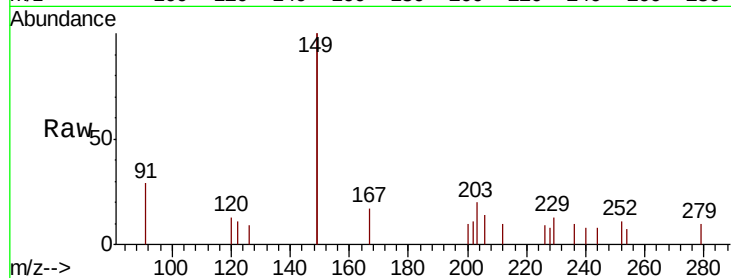
Tgt Ion:149 Resp: 1588

Ion Ratio Lower Upper

149 100

167 10.5 5.9 8.9#

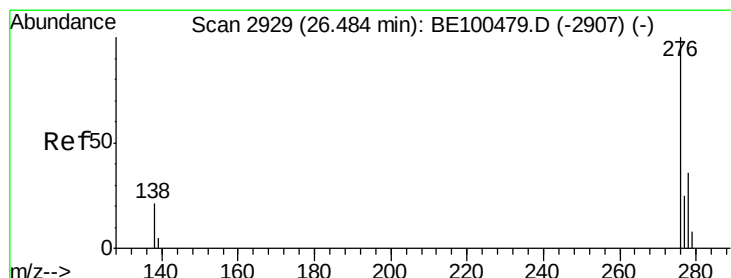
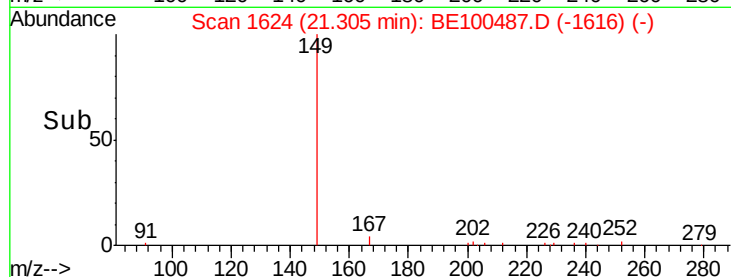
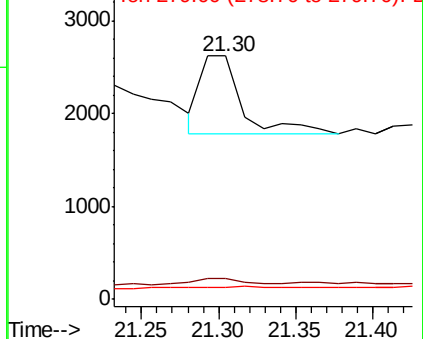
279 0.0 1.0 1.6#



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: 0.001 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

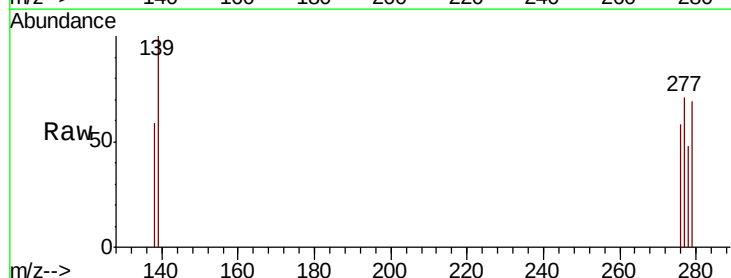
Tgt Ion:276 Resp: 30

Ion Ratio Lower Upper

276 100

138 33.3 16.6 25.0#

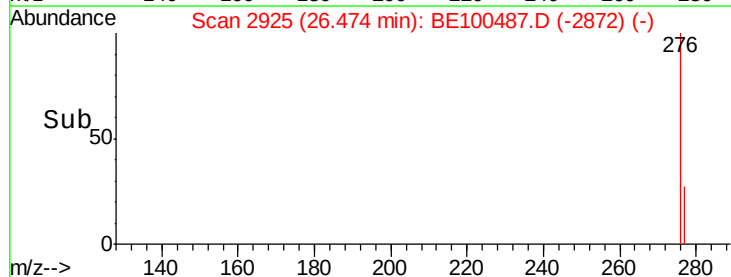
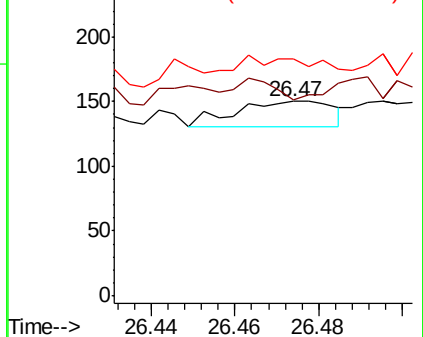
277 60.0 19.1 28.7#

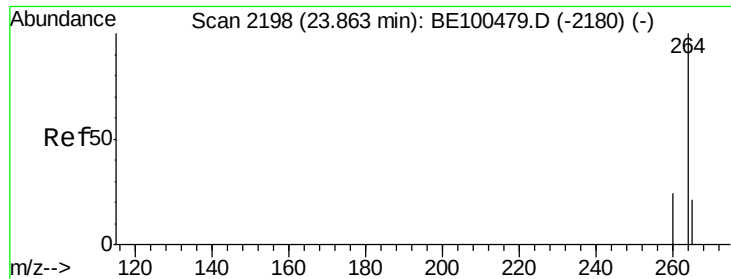


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

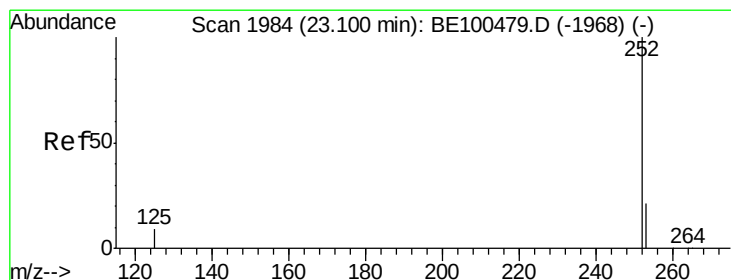
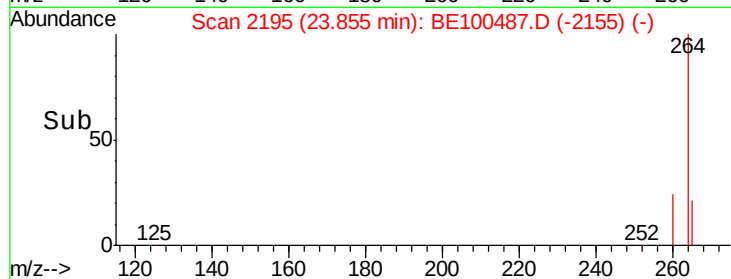
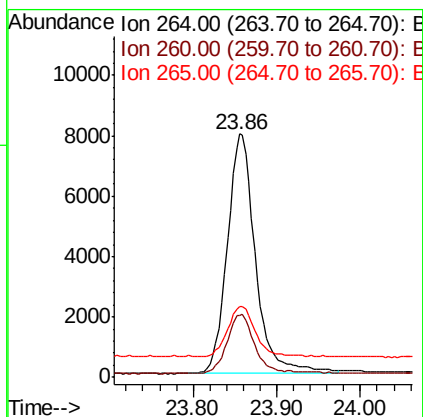
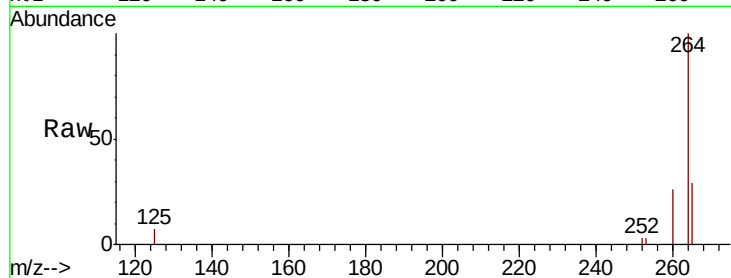




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BE100487.D
 Acq: 22 Jul 2019 20:04

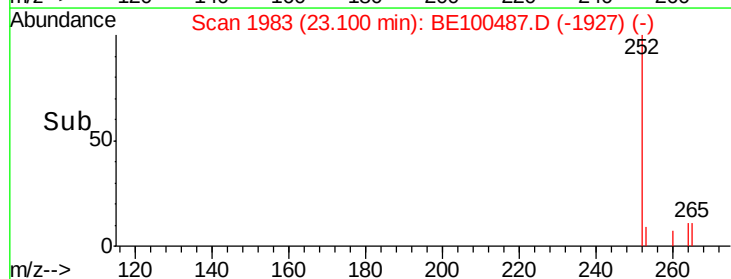
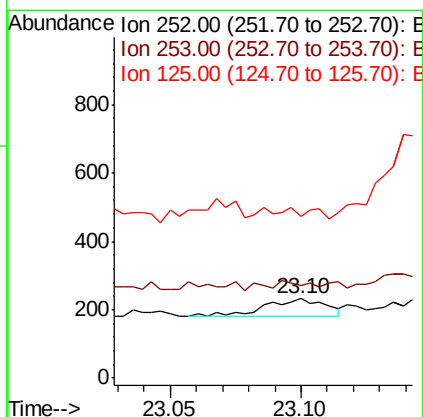
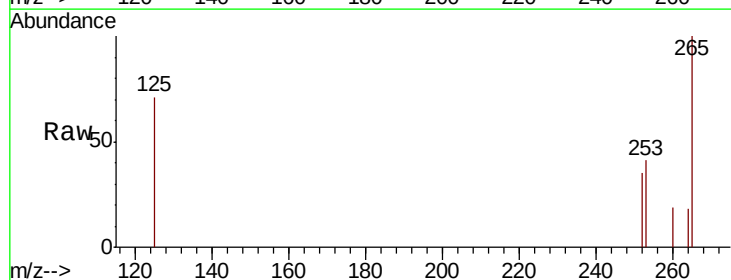
Instrument :
 BNA_E
 ClientSampleId :
 PB121559BL

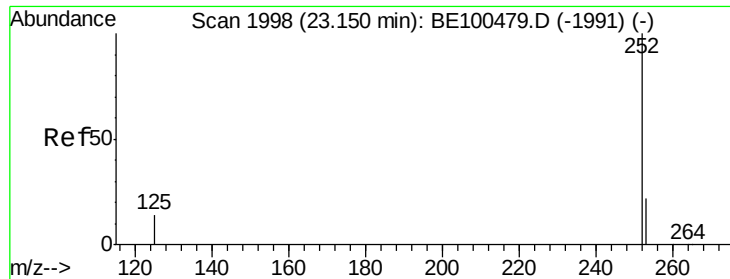
Tgt Ion: 264 Resp: 18577
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.7 31.1
 265 29.0 23.4 35.2



#35
 Benzo(b)fluoranthene
 Concen: 0.002 ng
 RT: 23.10 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BE100487.D
 Acq: 22 Jul 2019 20:04

Tgt Ion: 252 Resp: 79
 Ion Ratio Lower Upper
 252 100
 253 116.4 19.2 28.8#
 125 203.4 11.9 17.9#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.15 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

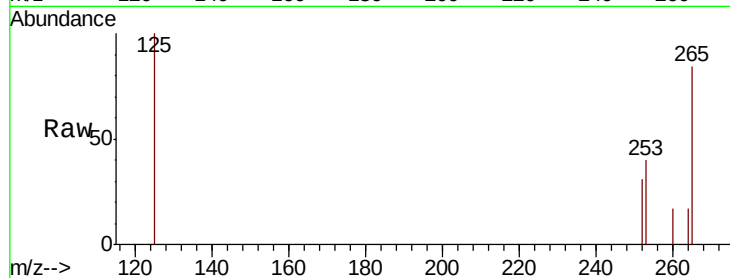
Tgt Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 130.5 19.7 29.5#

125 322.9 15.2 22.8#

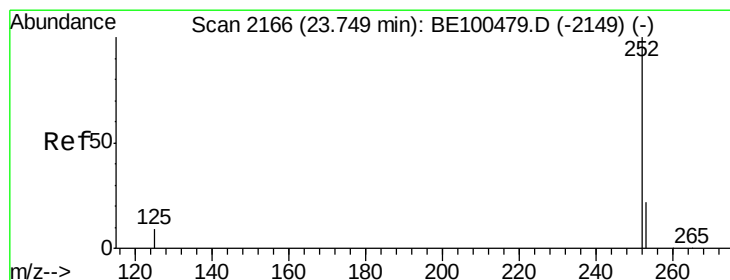
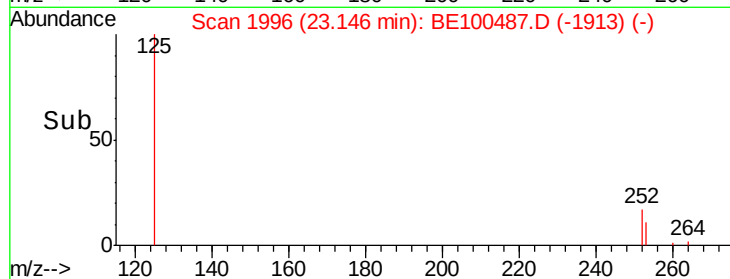
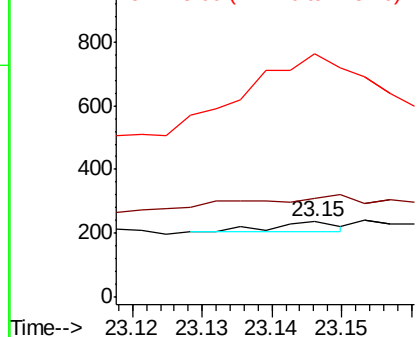


Abundance

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: 0.000 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

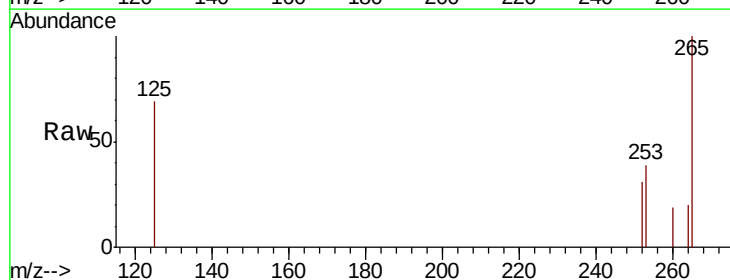
Tgt Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 125.7 20.0 30.0#

125 221.6 14.1 21.1#

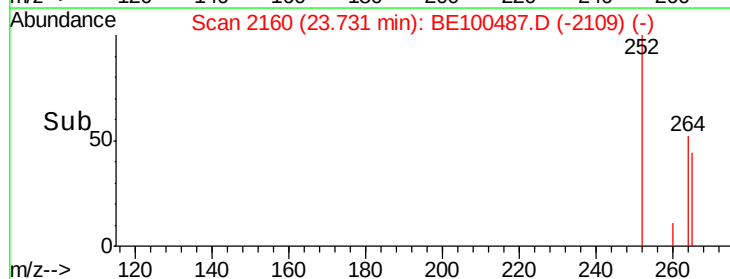
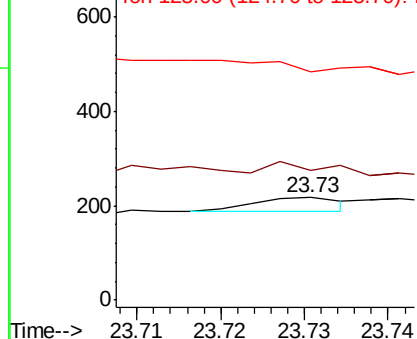


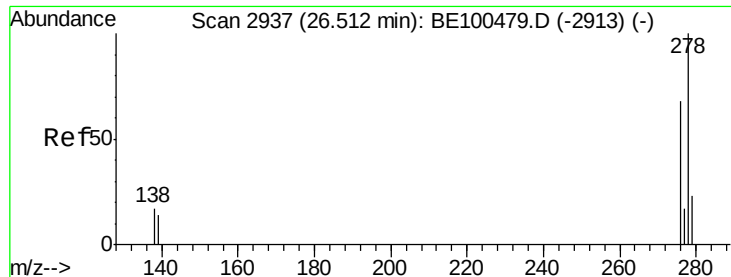
Abundance

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: 0.000 ng

RT: 26.51 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

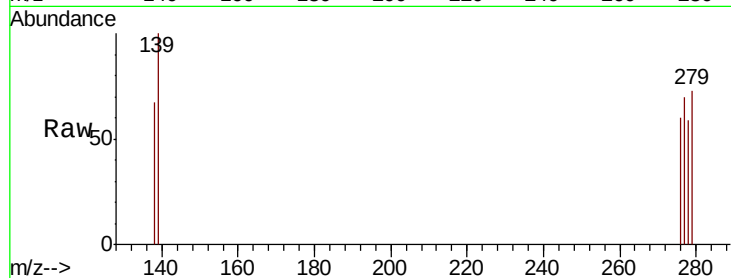
Tgt Ion: 278 Resp: 6

Ion Ratio Lower Upper

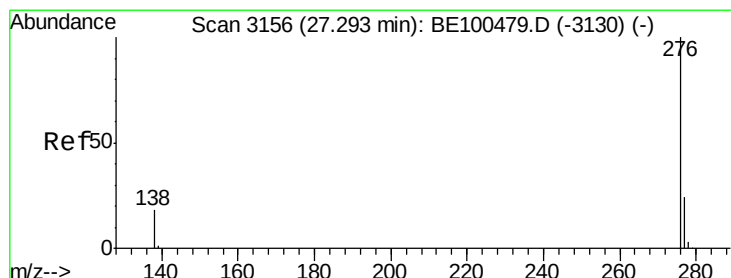
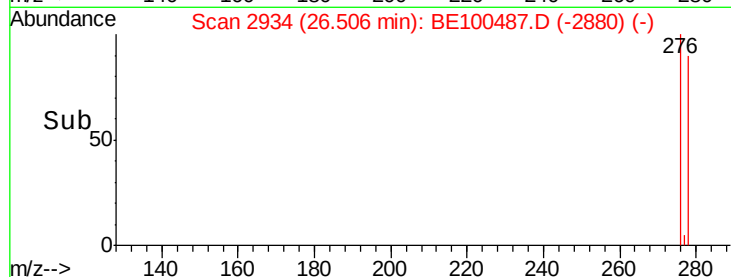
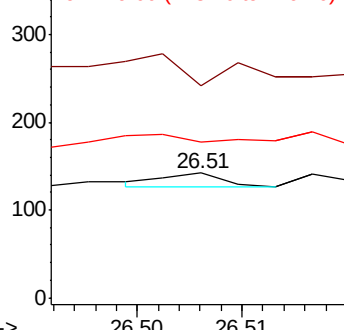
278 100

139 169.7 16.8 25.2#

279 124.6 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: 0.000 ng

RT: 27.27 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

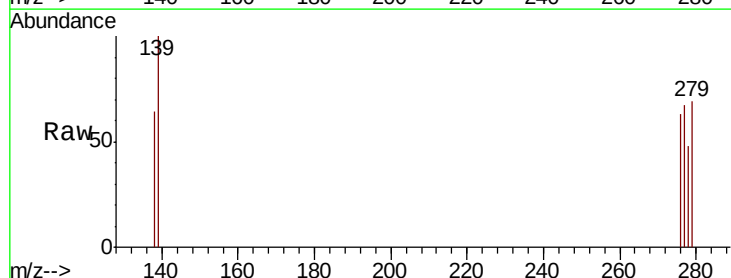
Tgt Ion: 276 Resp: 21

Ion Ratio Lower Upper

276 100

277 106.9 22.0 33.0#

138 102.5 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

