

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
 Data File : BE100439.D
 Acq On : 16 Jul 2019 10:20
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 16 12:58:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 12:52:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4769	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	18518	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	9756	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	24646	0.40	ng	0.00
27) Chrysene-d12	21.39	240	28759	0.40	ng	0.00
34) Perylene-d12	23.89	264	25769	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	6885	0.71	ng	0.00
5) Phenol-d6	7.04	99	10012	0.72	ng	0.00
8) Nitrobenzene-d5	9.03	82	7493	0.79	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	21536	0.53	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1634	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	35313	0.82	ng	0.00
25) Fluoranthene-d10	19.25	212	226280	0.52	ng	0.00
29) Terphenyl-d14	19.85	244	54541	0.78	ng	0.00

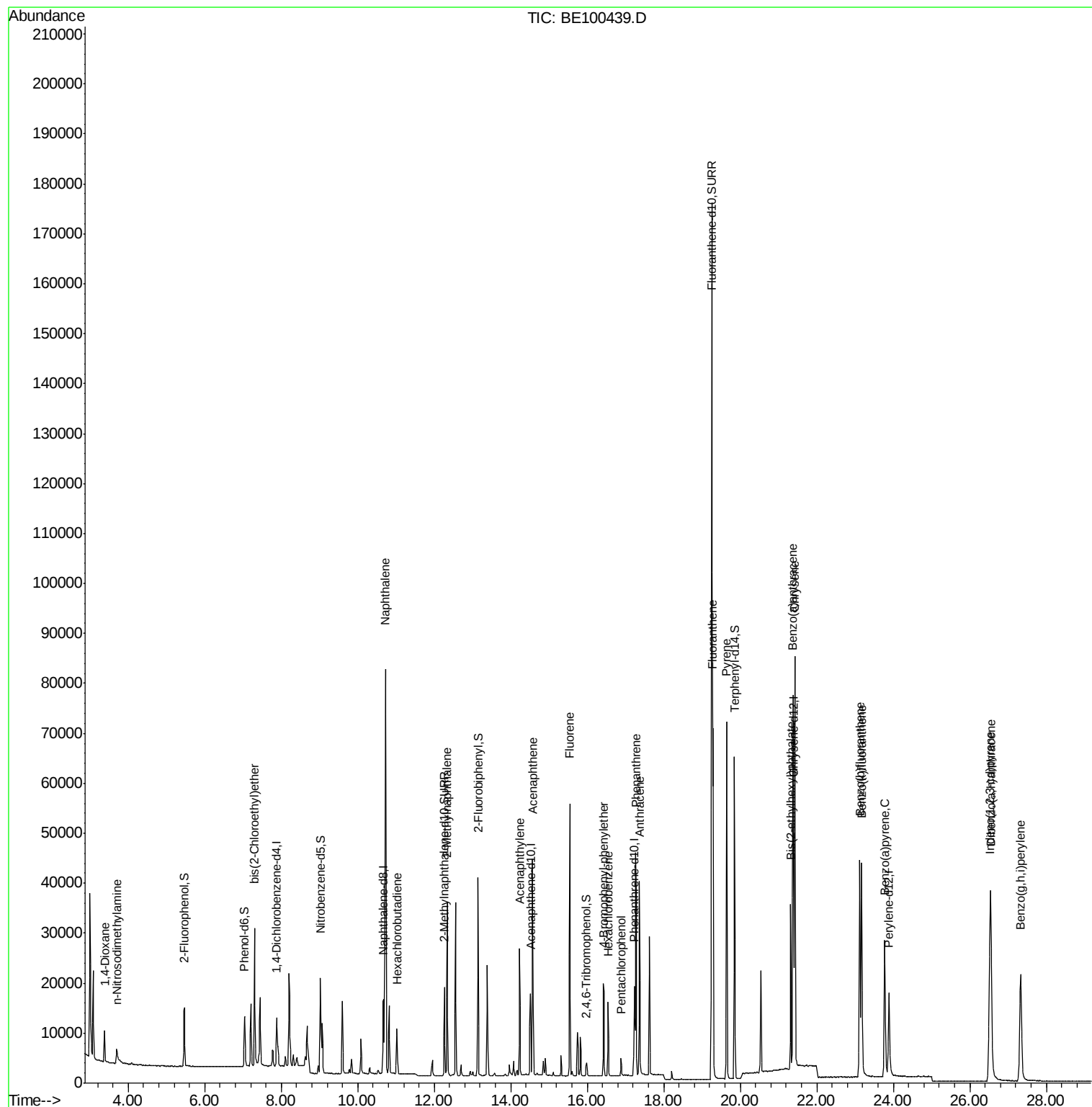
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	5001	0.728	ng	96
3) n-Nitrosodimethylamine	3.70	42	3030	0.720	ng	# 85
6) bis(2-Chloroethyl)ether	7.31	93	10576	0.780	ng	100
9) Naphthalene	10.72	128	140786	0.781	ng	100
10) Hexachlorobutadiene	11.03	225	6726	0.781	ng	99
12) 2-Methylnaphthalene	12.34	142	22871	0.753	ng	98
16) Acenaphthylene	14.23	152	29651	0.733	ng	99
17) Acenaphthene	14.57	154	21457	0.778	ng	97
18) Fluorene	15.54	166	27977	0.791	ng	100
20) 4-Bromophenyl-phenylether	16.44	248	9833	0.780	ng	# 57
21) Hexachlorobenzene	16.55	284	11804	0.818	ng	99
22) Pentachlorophenol	16.88	266	1851	0.651	ng	95
23) Phenanthrene	17.27	178	51007	0.797	ng	99
24) Anthracene	17.36	178	40388	0.744	ng	100
26) Fluoranthene	19.29	202	65766	0.794	ng	100
28) Pyrene	19.64	202	63051	0.750	ng	100
30) Benzo(a)anthracene	21.38	228	58498	0.742	ng	100
31) Chrysene	21.43	228	71653	0.773	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	38235	0.634	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	63261	0.754	ng	99
35) Benzo(b)fluoranthene	23.12	252	60730	0.750	ng	99
36) Benzo(k)fluoranthene	23.17	252	64964	0.767	ng	99
37) Benzo(a)pyrene	23.77	252	48239	0.712	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	53887	0.762	ng	98
39) Benzo(g,h,i)perylene	27.33	276	55166	0.751	ng	98

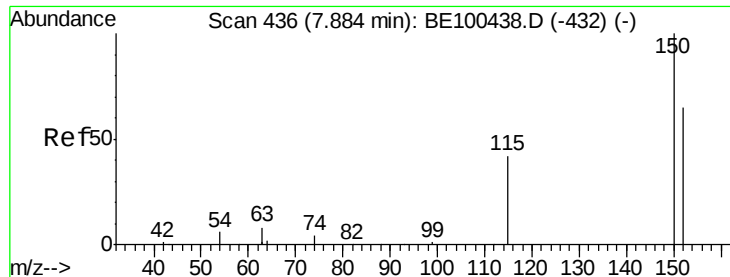
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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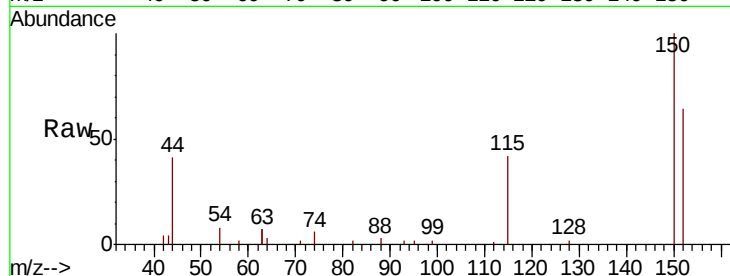


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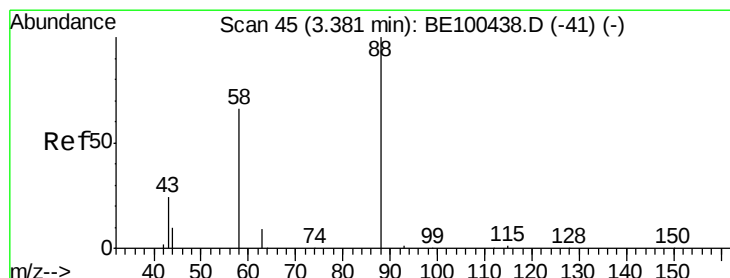
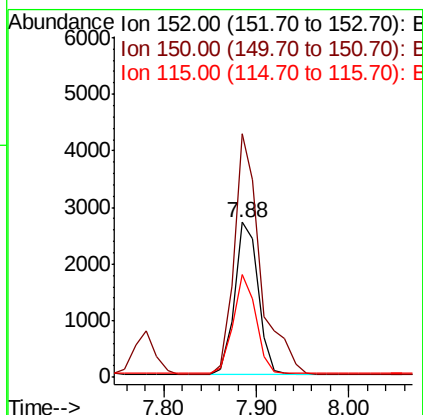
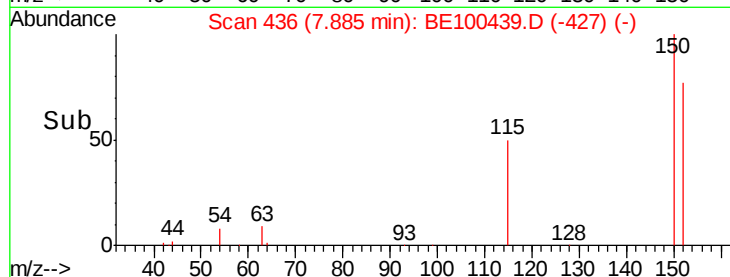
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4769
Ion Ratio Lower Upper
152 100
150 156.9 121.7 182.5
115 66.4 52.4 78.6



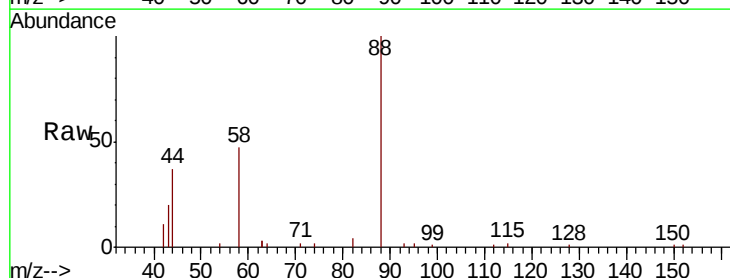
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



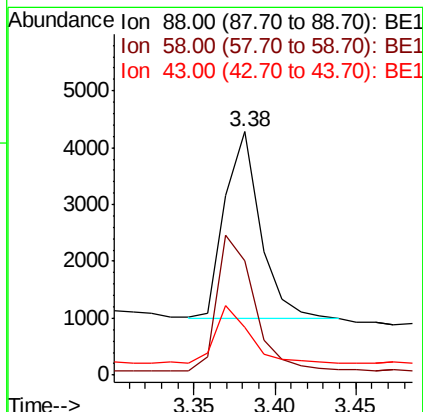
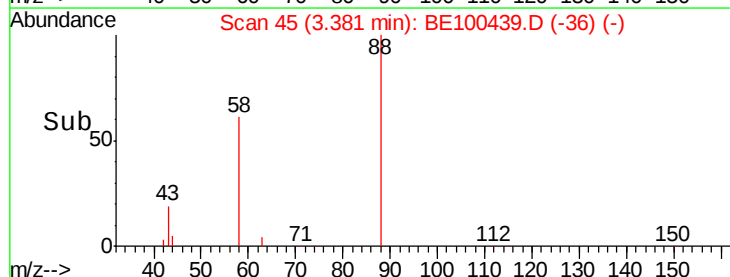
#2

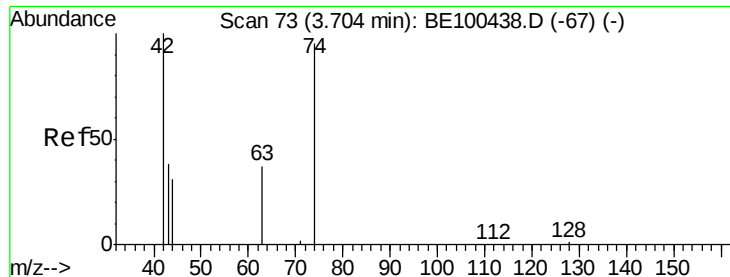
1,4-Dioxane
Concen: 0.728 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 88 Resp: 5001
Ion Ratio Lower Upper
88 100
58 76.5 57.8 86.8
43 30.2 25.0 37.6



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



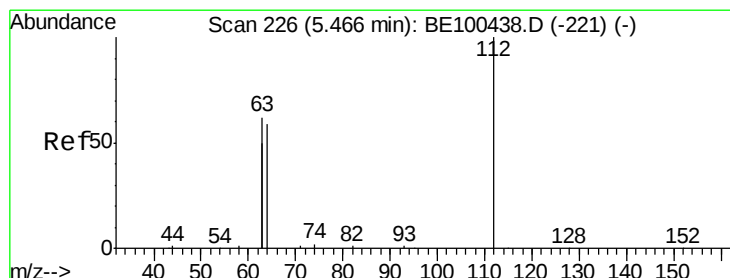
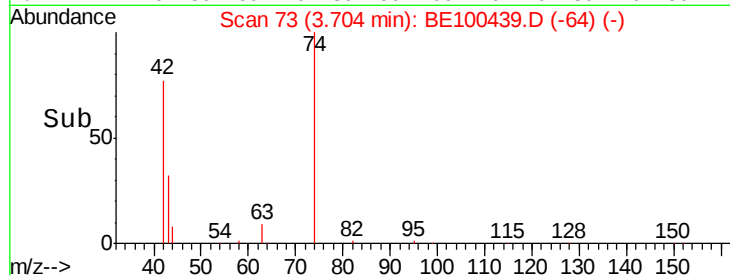
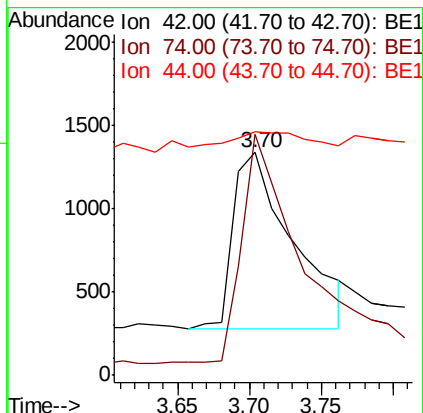
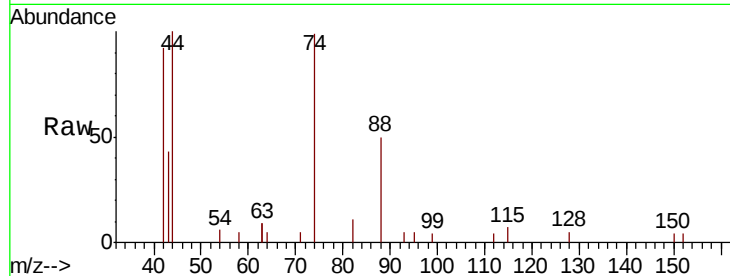


#3

n-Nitrosodimethylamine
Concen: 0.720 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

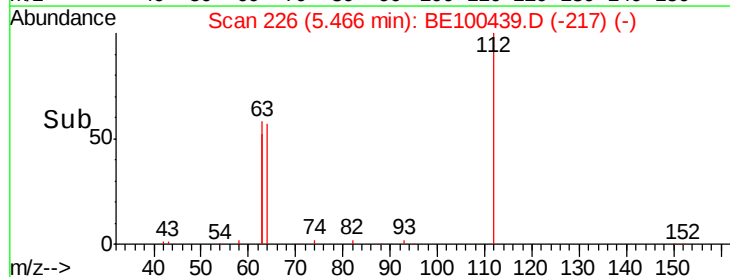
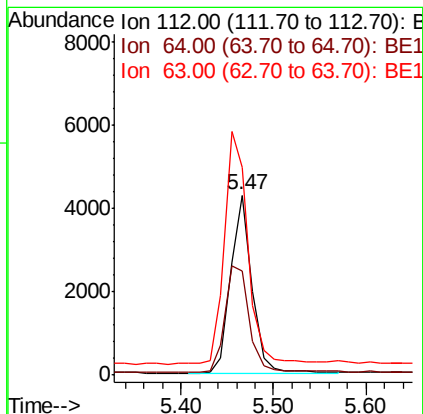
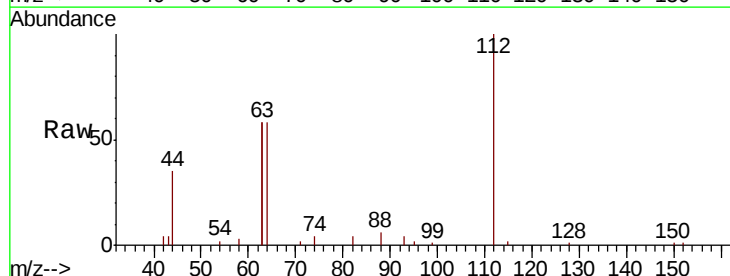
Tot Ion: 42 Resp: 3030
Ion Ratio Lower Upper
42 100
74 118.7 85.3 127.9
44 12.2 21.8 32.8#

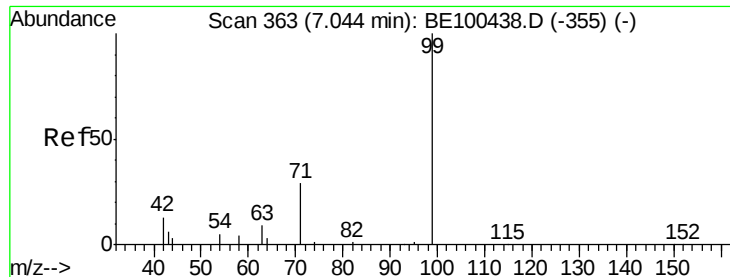


#4

2-Fluorophenol
Concen: 0.711 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 112 Resp: 6885
Ion Ratio Lower Upper
112 100
64 68.9 55.0 82.4
63 142.7 114.8 172.2





#5

Phenol-d6

Concen: 0.716 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

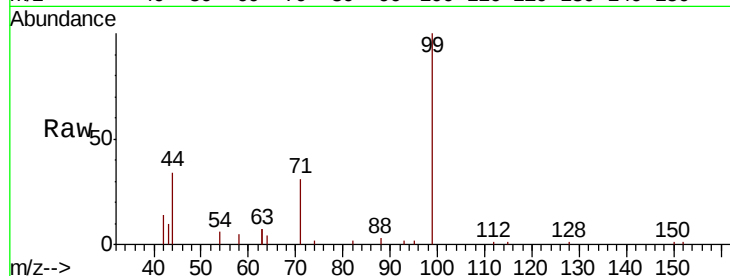
Tot Ion: 99 Resp: 10012

Ion Ratio Lower Upper

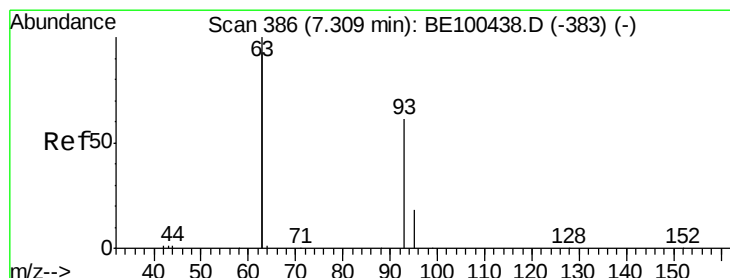
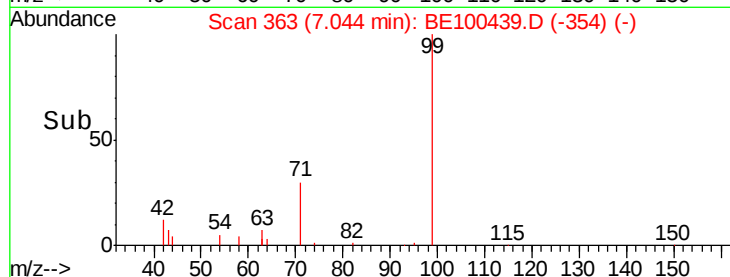
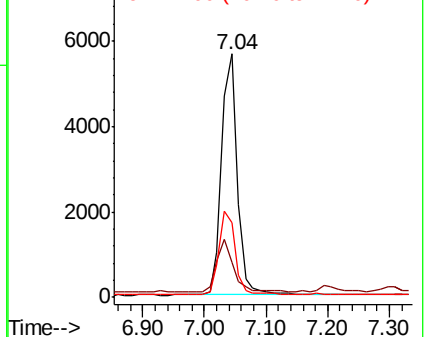
99 100

42 22.6 17.4 26.2

71 35.4 28.2 42.4



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: 0.780 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

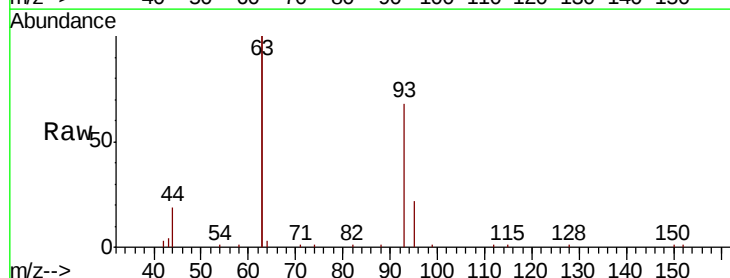
Tgt Ion: 93 Resp: 10576

Ion Ratio Lower Upper

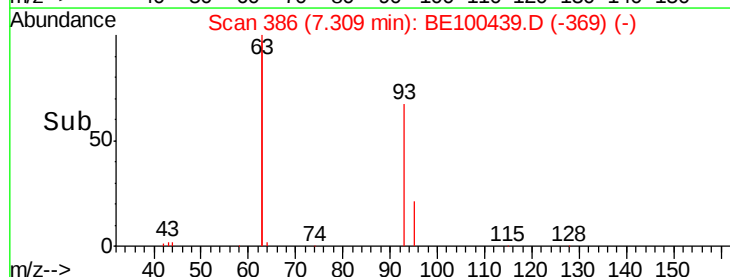
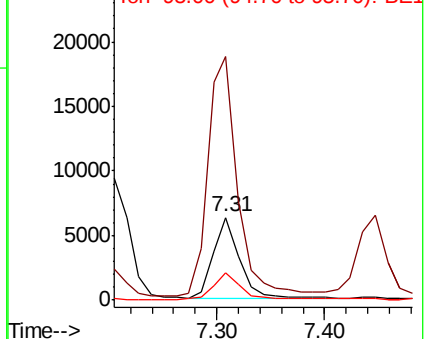
93 100

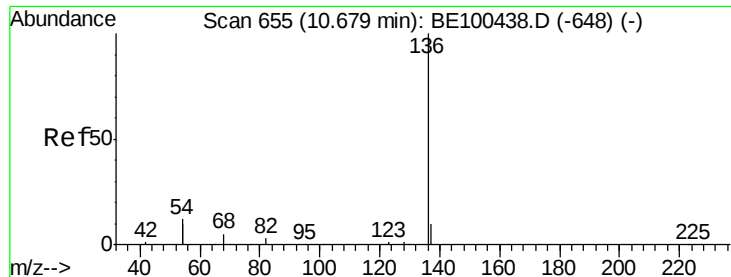
63 334.2 266.9 400.3

95 32.9 26.8 40.2



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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 18518

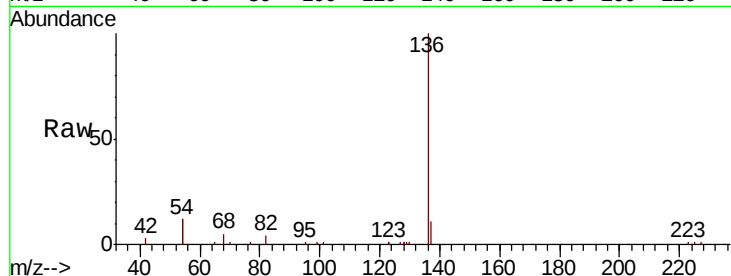
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 23.4 19.6 29.4

68 5.5 4.4 6.6

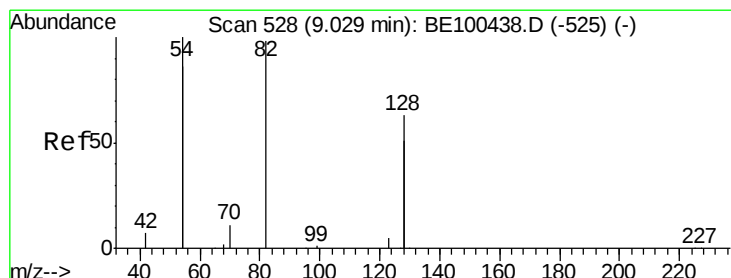
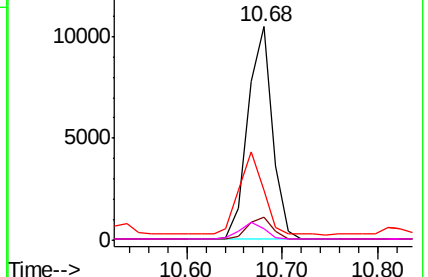
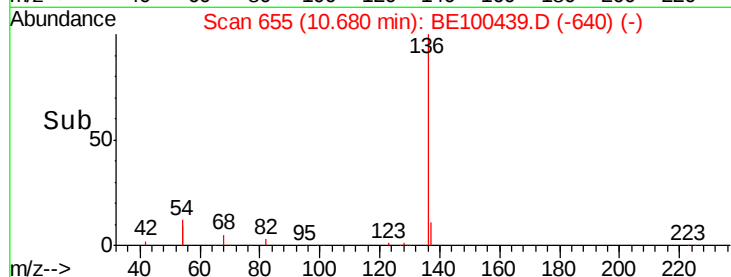


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.791 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

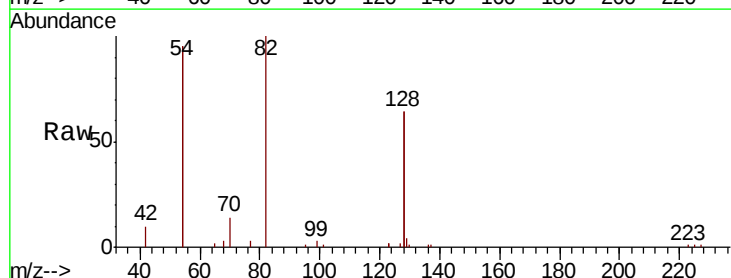
Tgt Ion: 82 Resp: 7493

Ion Ratio Lower Upper

82 100

128 128.8 97.9 146.9

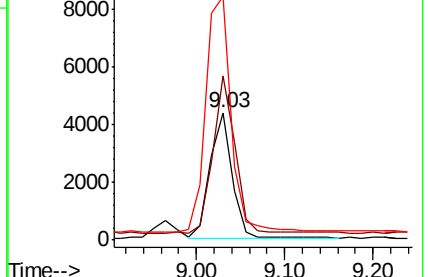
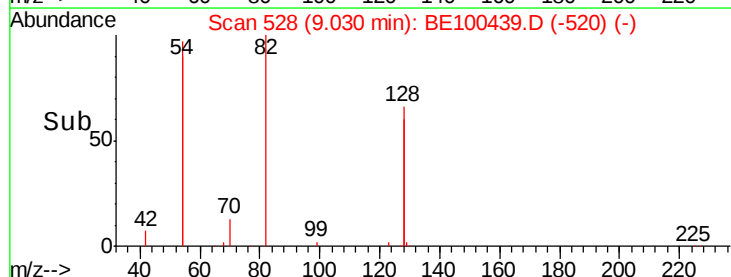
54 191.0 155.0 232.6

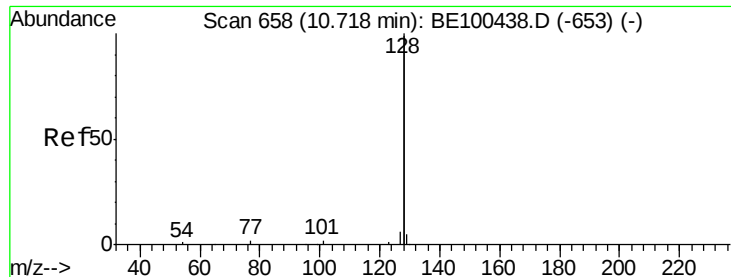


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.781 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

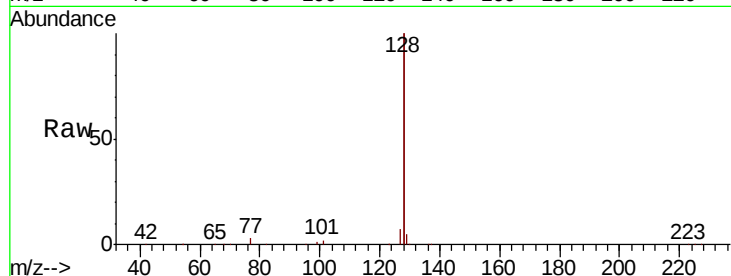
Tot Ion:128 Resp: 140786

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

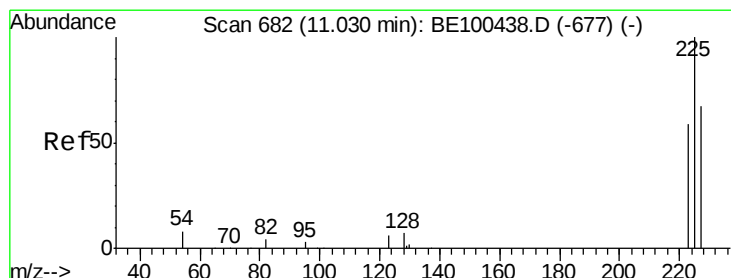
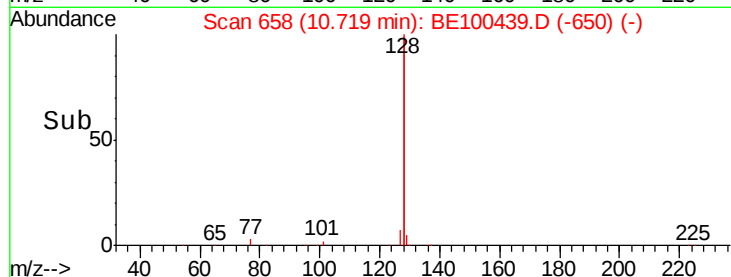
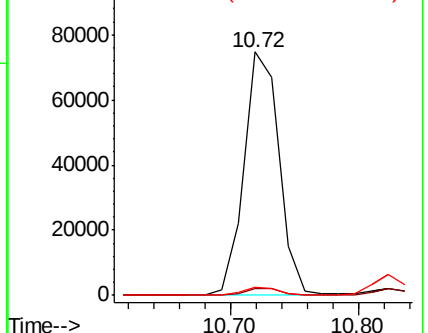
127 3.3 2.7 4.1



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: 0.781 ng

RT: 11.03 min Scan# 682

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

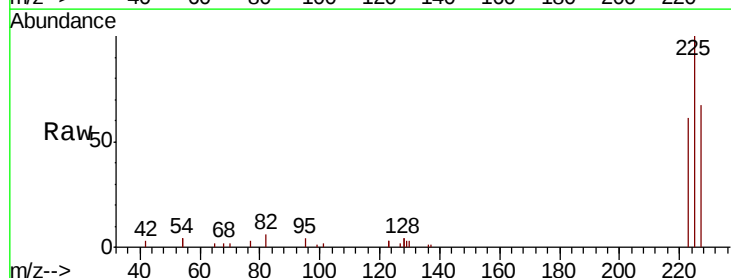
Tgt Ion:225 Resp: 6726

Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

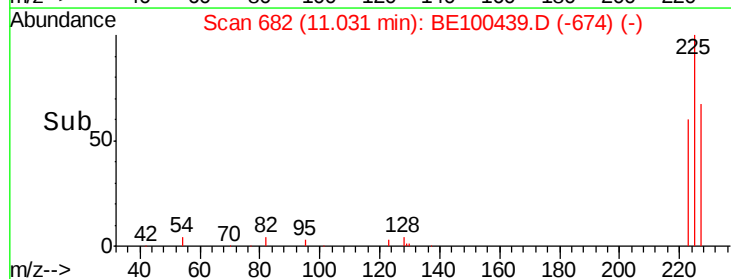
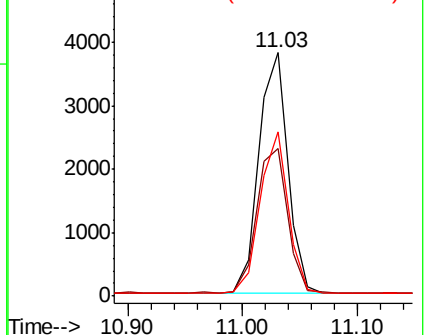
227 64.3 52.3 78.5

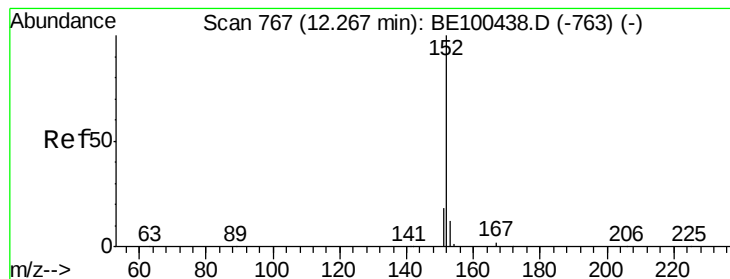


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.527 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

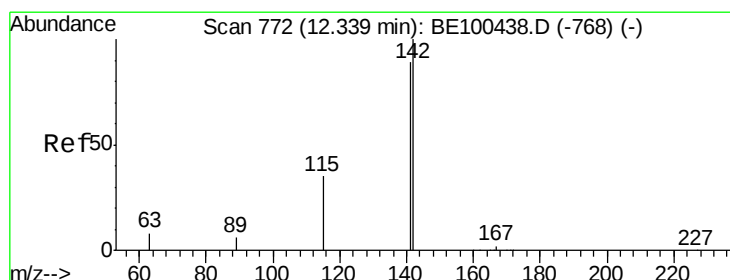
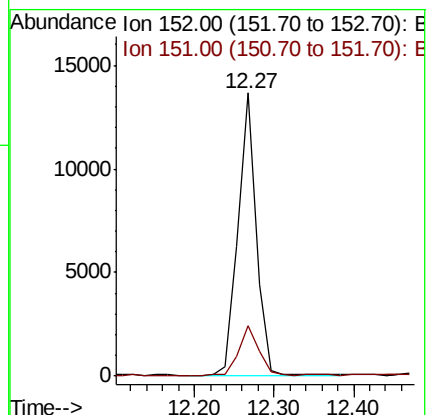
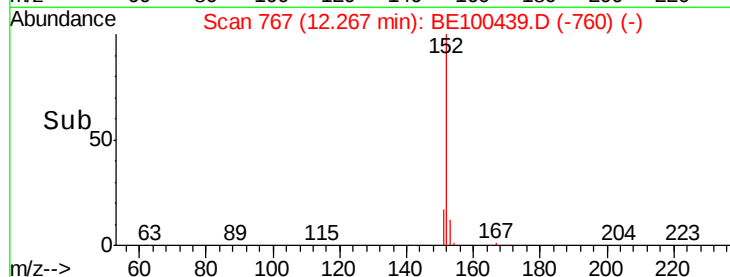
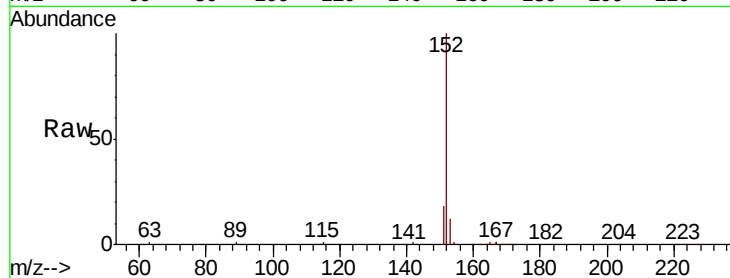
ClientSampleId :

Tot Ion:152 Resp: 21536

Ion Ratio Lower Upper

152 100

151 18.9 16.0 24.0



#12

2-Methylnaphthalene

Concen: 0.753 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

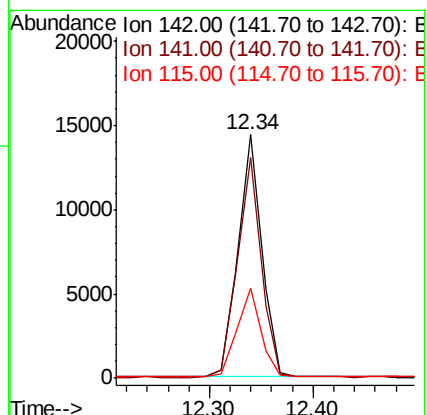
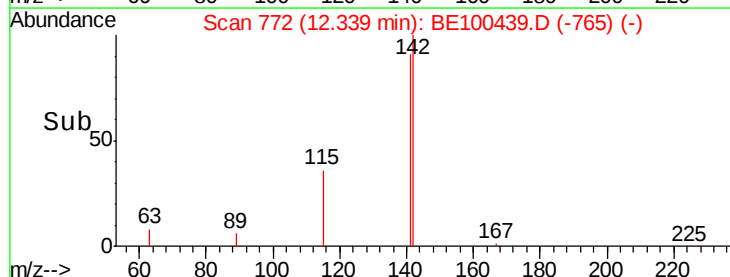
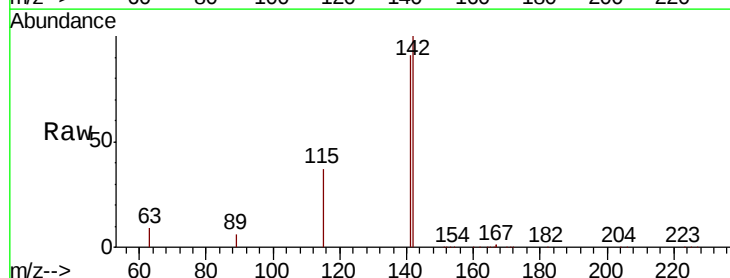
Tgt Ion:142 Resp: 22871

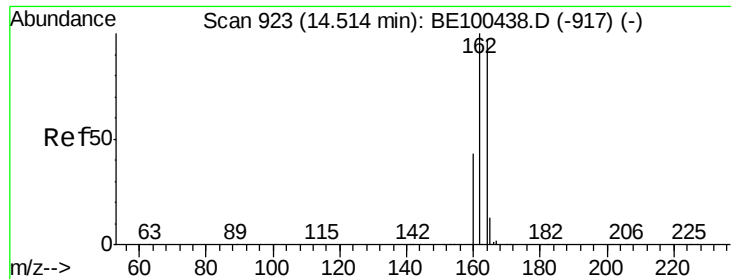
Ion Ratio Lower Upper

142 100

141 90.6 70.9 106.3

115 36.7 29.0 43.4

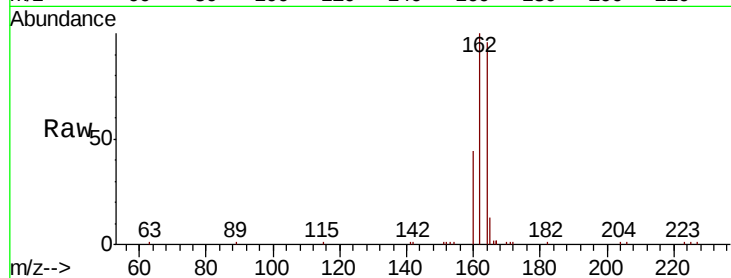




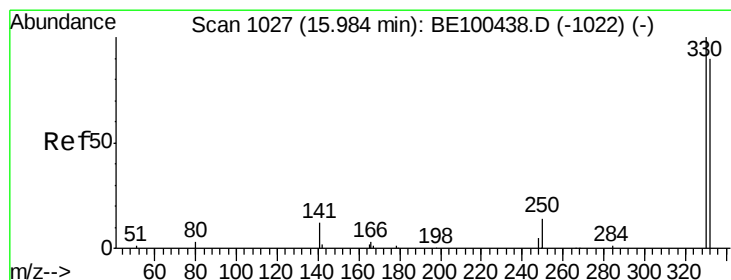
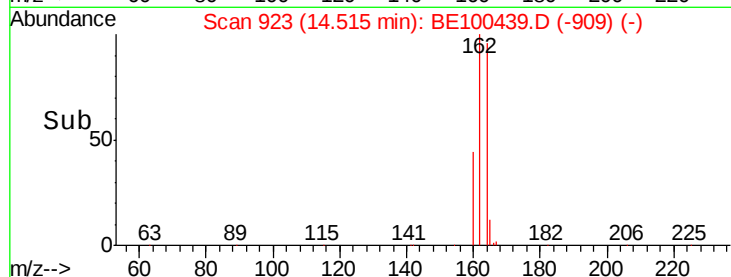
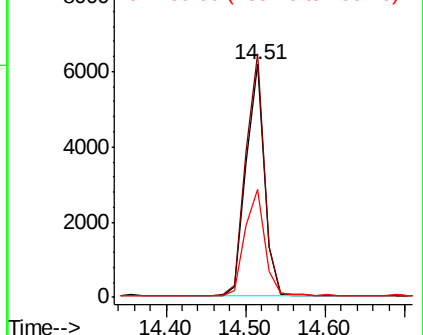
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9756
Ion Ratio Lower Upper
164 100
162 104.5 82.6 124.0
160 46.2 35.6 53.4

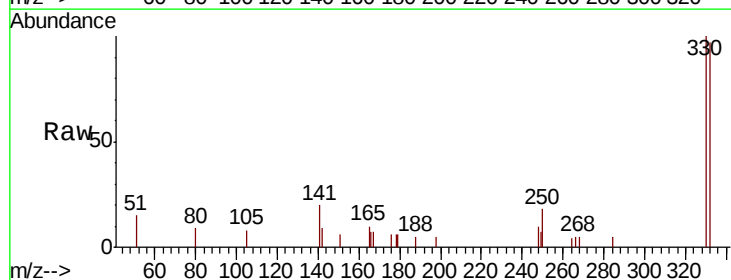


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

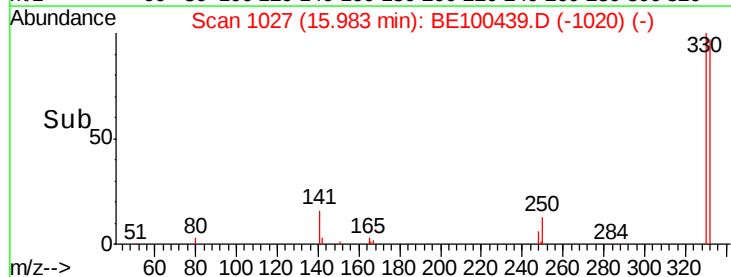
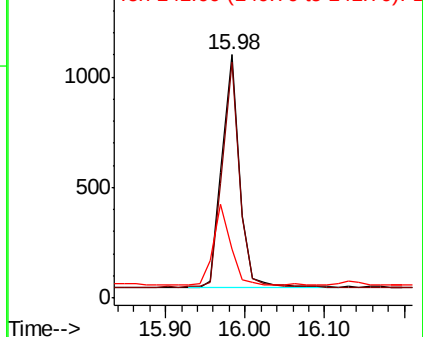


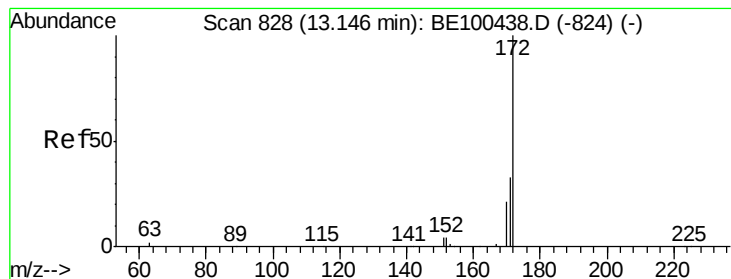
#14
2,4,6-Tribromophenol
Concen: 0.648 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:330 Resp: 1634
Ion Ratio Lower Upper
330 100
332 95.2 76.3 114.5
141 34.5 28.1 42.1



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: 0.817 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

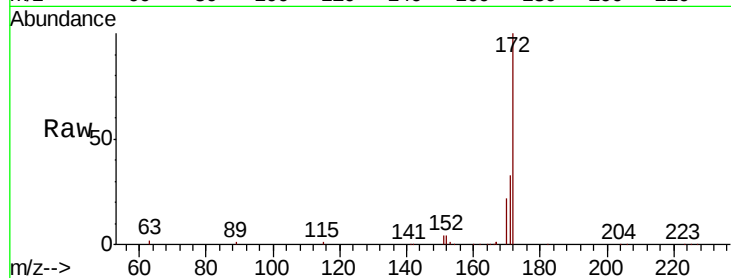
Tot Ion:172 Resp: 35313

Ion Ratio Lower Upper

172 100

171 33.1 27.0 40.4

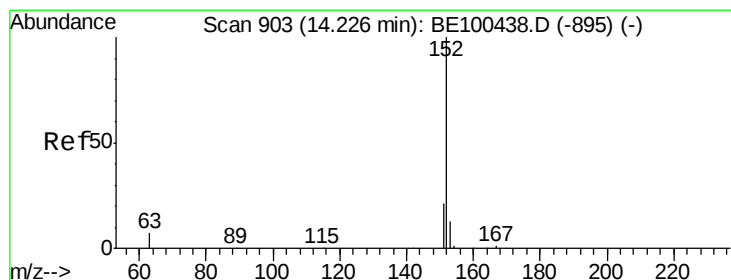
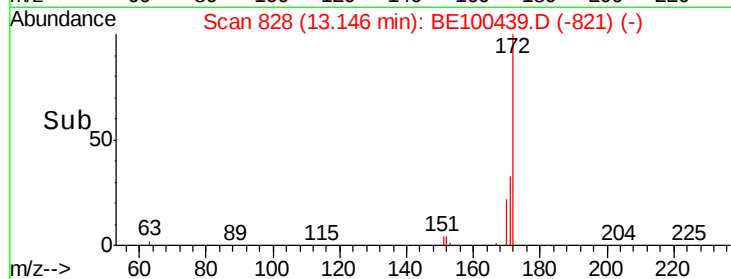
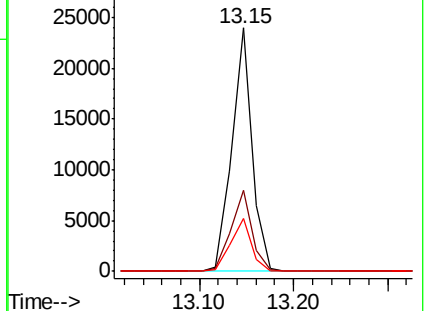
170 21.8 17.4 26.0



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: 0.733 ng

RT: 14.23 min Scan# 903

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

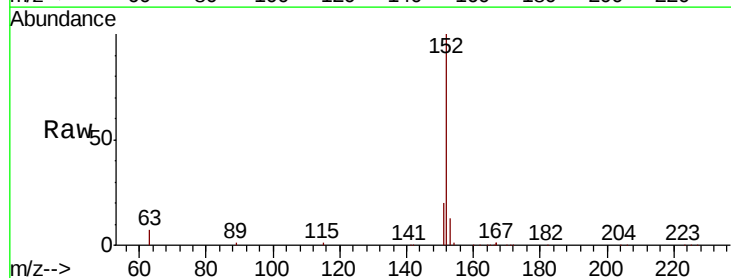
Tgt Ion:152 Resp: 29651

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

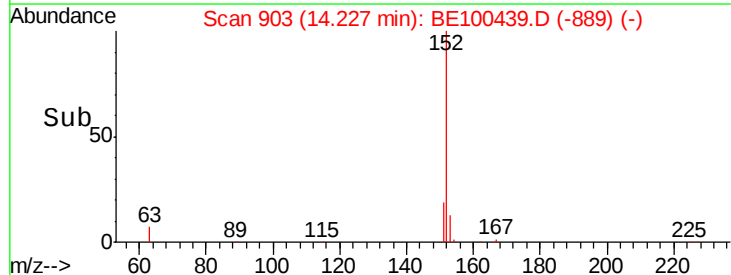
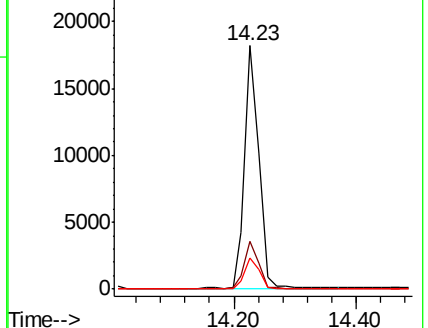
153 12.8 10.4 15.6

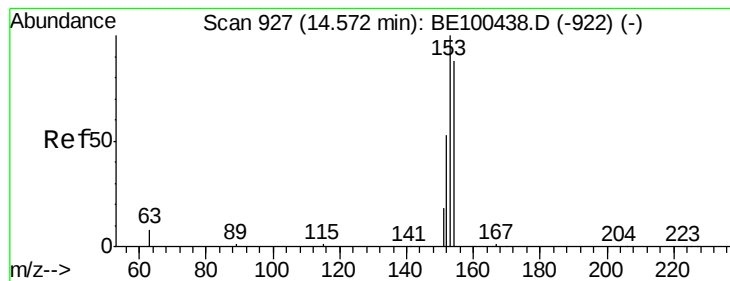


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.778 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

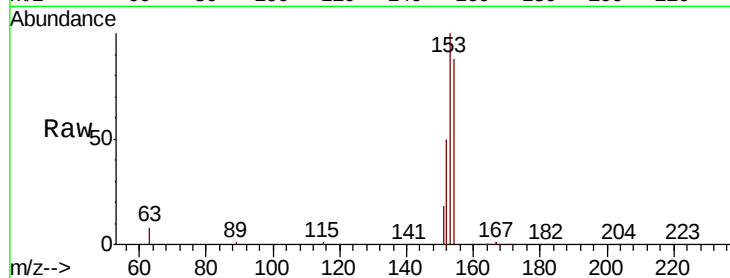
Tot Ion:154 Resp: 21457

Ion Ratio Lower Upper

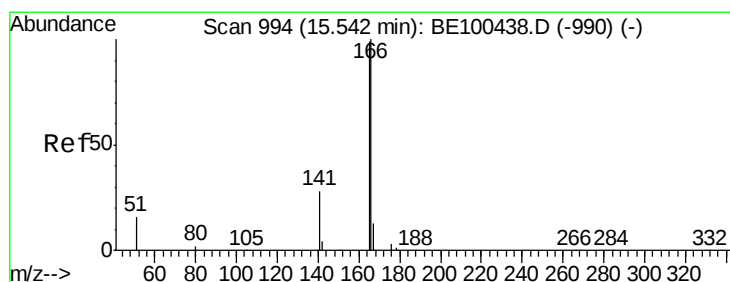
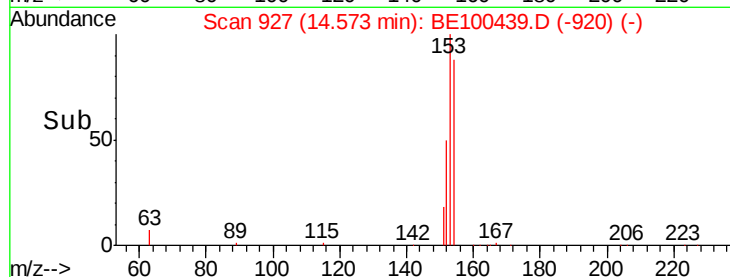
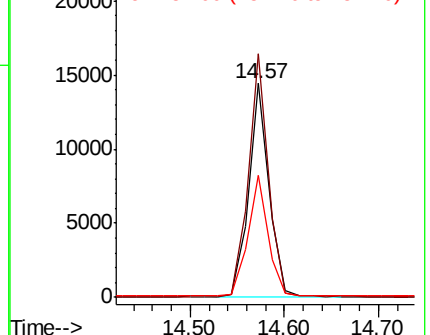
154 100

153 112.0 91.0 136.4

152 57.1 49.4 74.2



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: 0.791 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

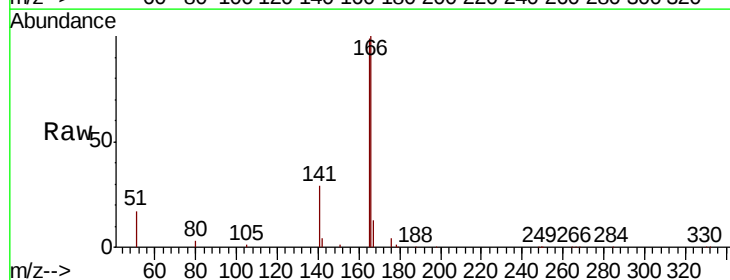
Tgt Ion:166 Resp: 27977

Ion Ratio Lower Upper

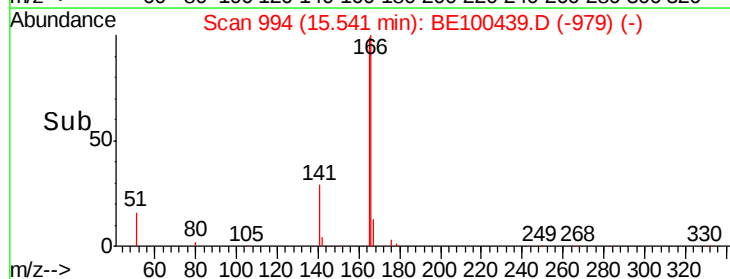
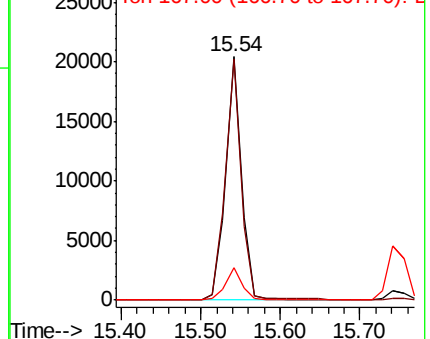
166 100

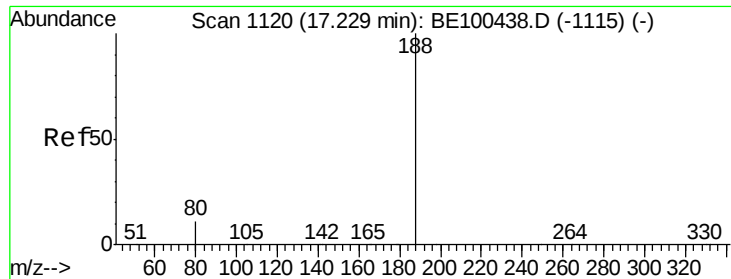
165 99.0 79.6 119.4

167 13.3 10.6 15.8



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

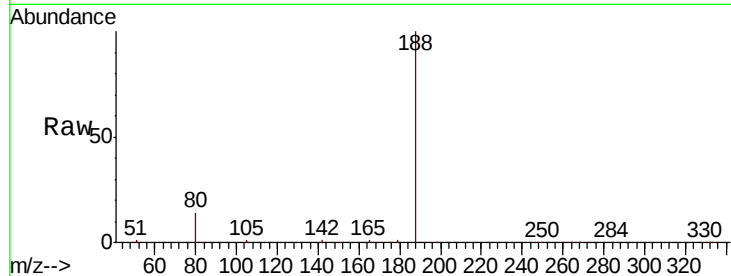




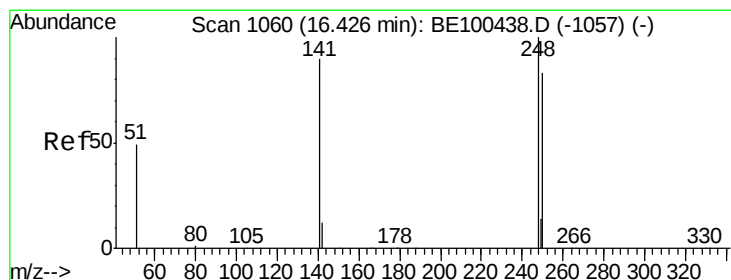
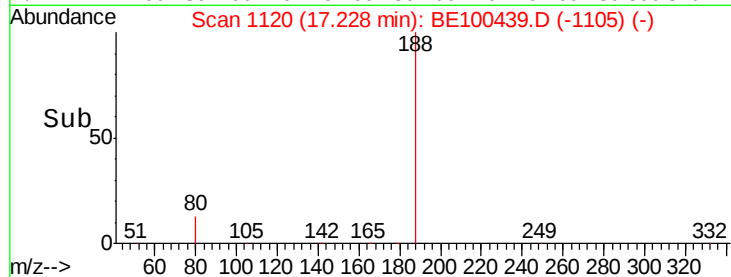
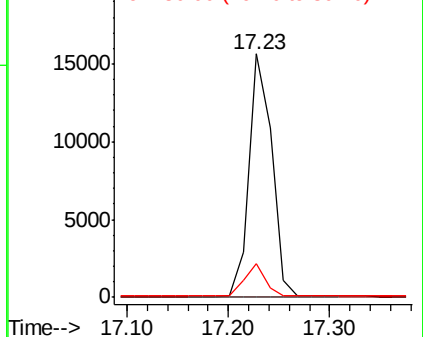
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 24646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 9.2 13.8

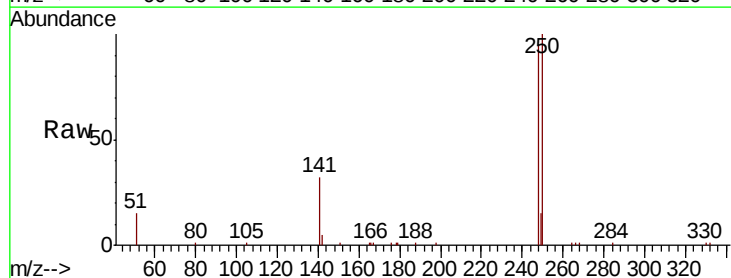


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

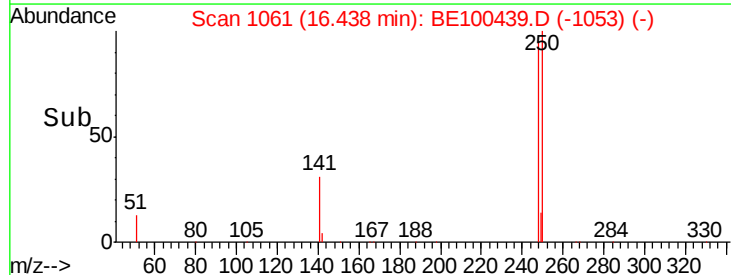
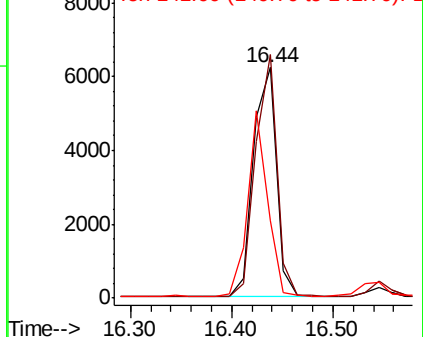


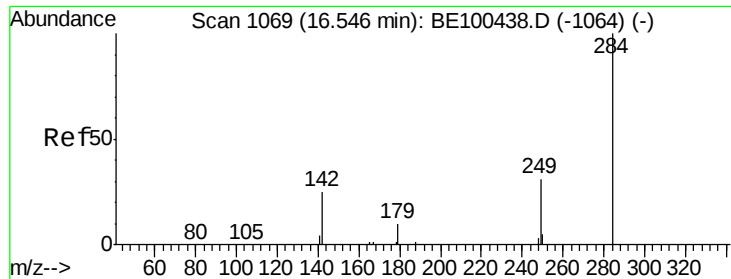
#20
4-Bromophenyl-phenylether
Concen: 0.780 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:248 Resp: 9833
Ion Ratio Lower Upper
248 100
250 105.7 67.1 100.7#
141 33.4 72.2 108.2#



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: 0.818 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

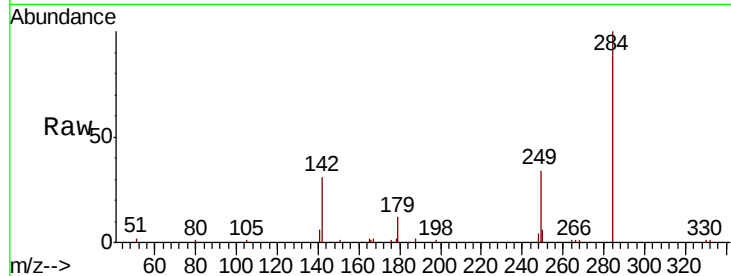
Tot Ion:284 Resp: 11804

Ion Ratio Lower Upper

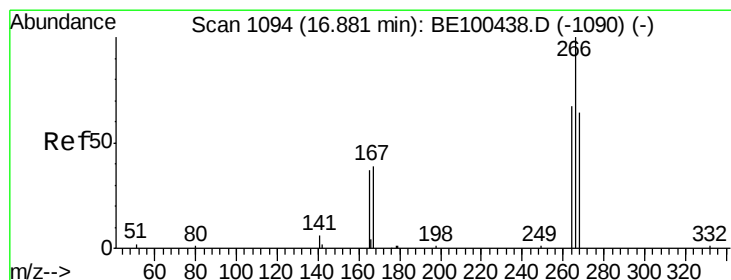
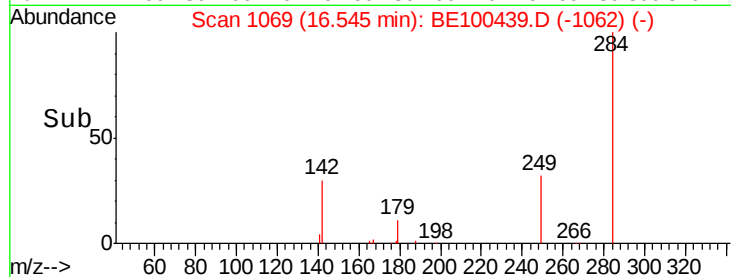
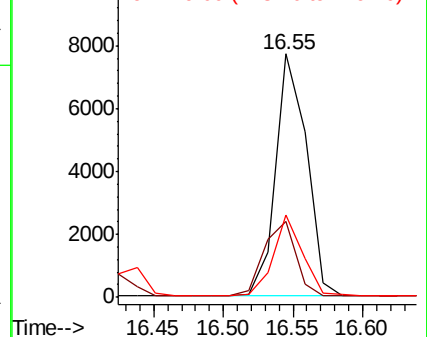
284 100

142 32.0 25.6 38.4

249 30.8 25.1 37.7



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: 0.651 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

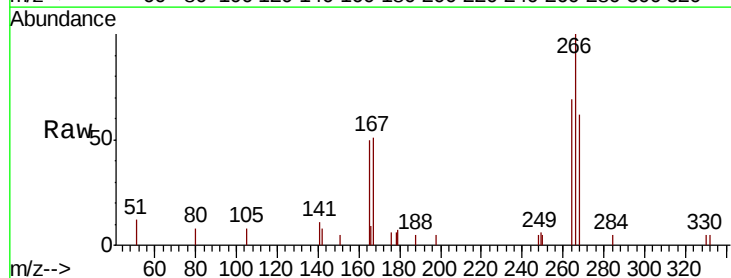
Tgt Ion:266 Resp: 1851

Ion Ratio Lower Upper

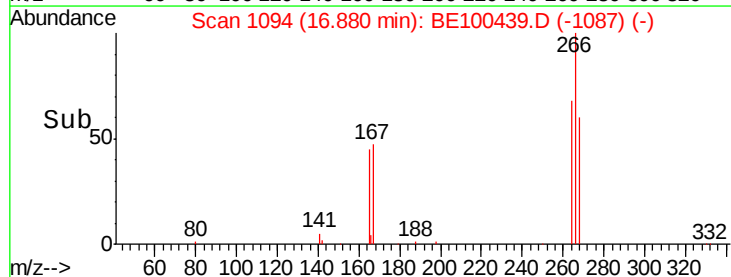
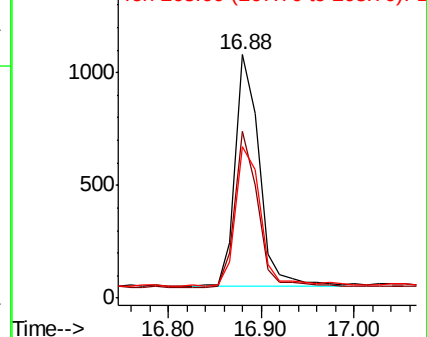
266 100

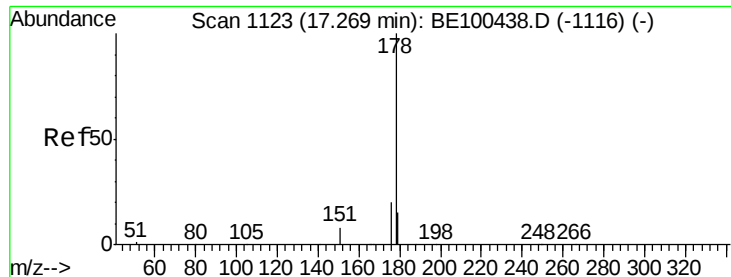
264 68.7 56.2 84.2

268 62.4 54.9 82.3



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: 0.797 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

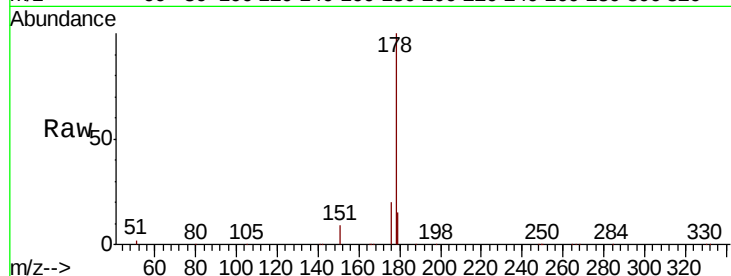
Tot Ion:178 Resp: 51007

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

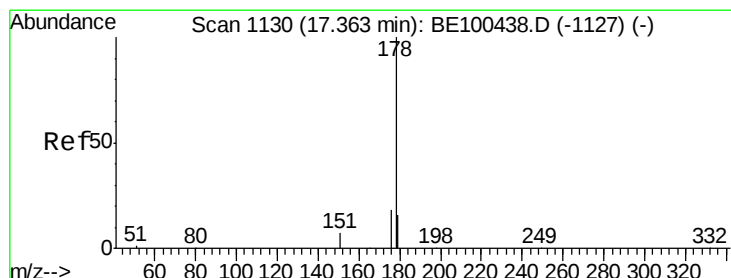
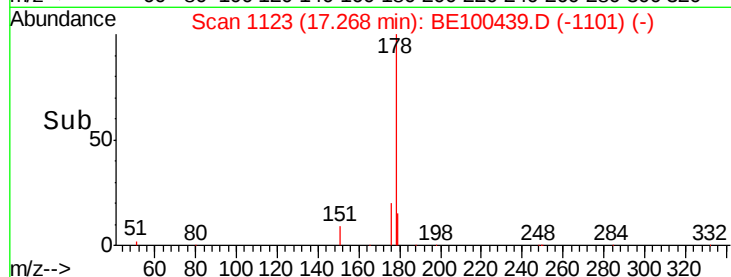
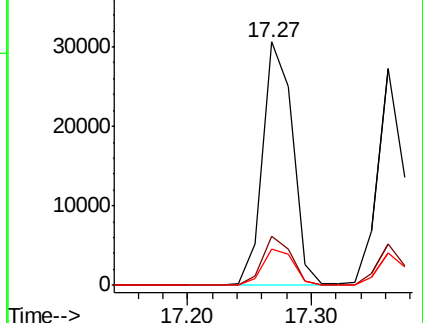
179 15.1 12.4 18.6



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: 0.744 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

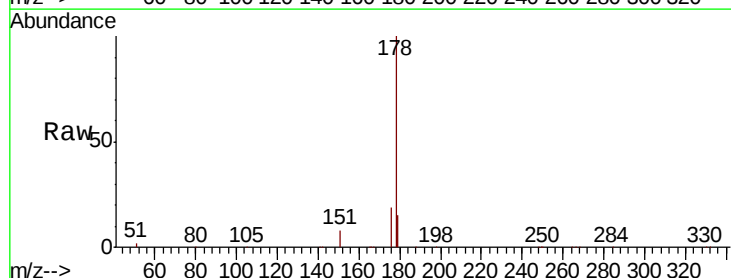
Tgt Ion:178 Resp: 40388

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

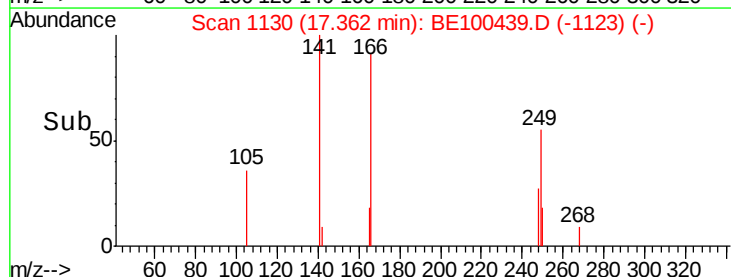
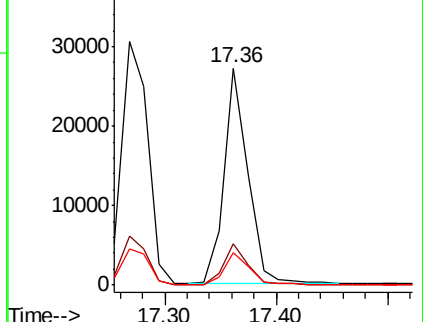
179 15.3 12.3 18.5

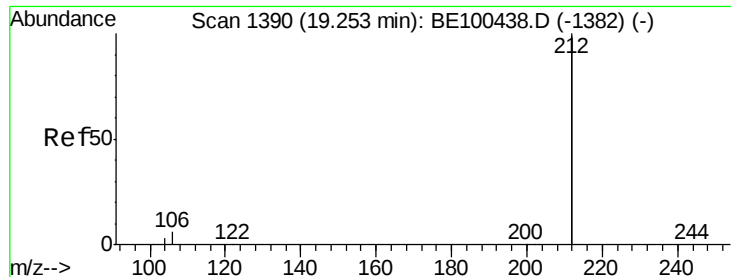


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.519 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

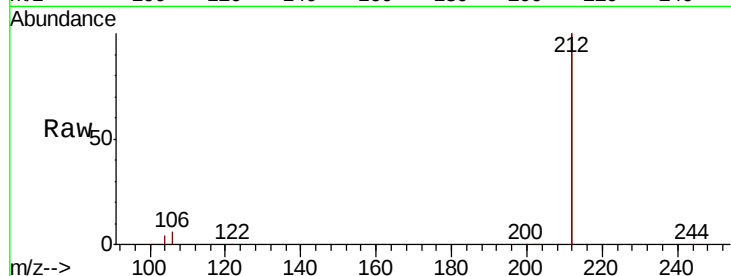
Tot Ion:212 Resp: 226280

Ion Ratio Lower Upper

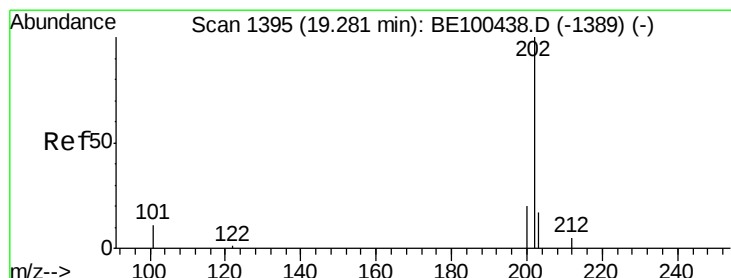
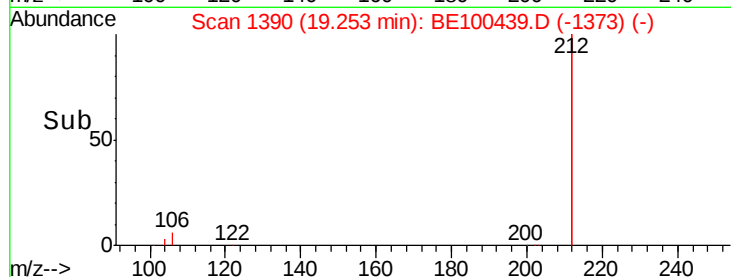
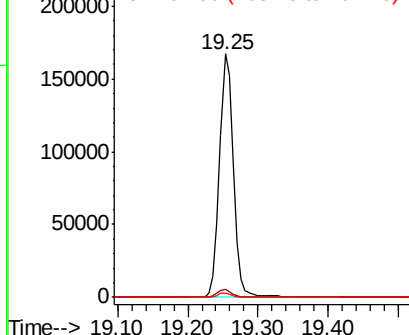
212 100

106 3.1 2.6 3.8

104 1.7 1.4 2.2



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: 0.794 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

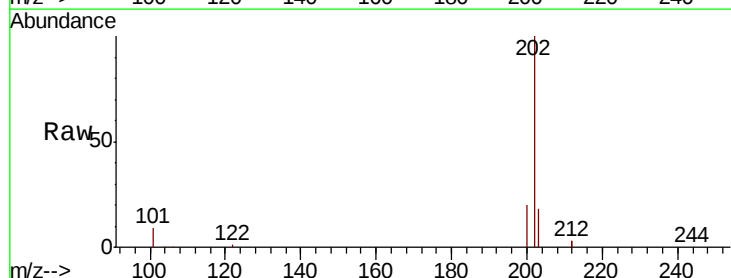
Tgt Ion:202 Resp: 65766

Ion Ratio Lower Upper

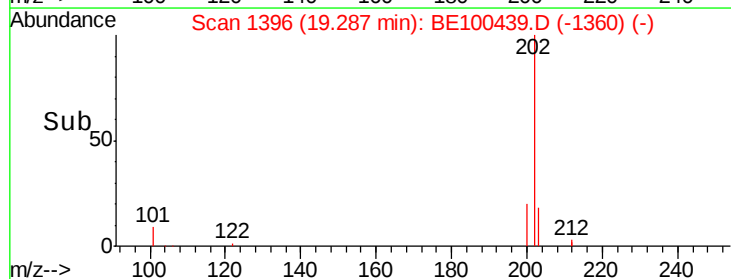
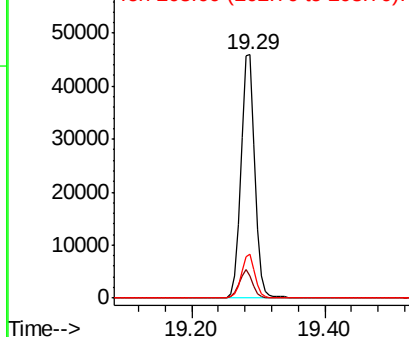
202 100

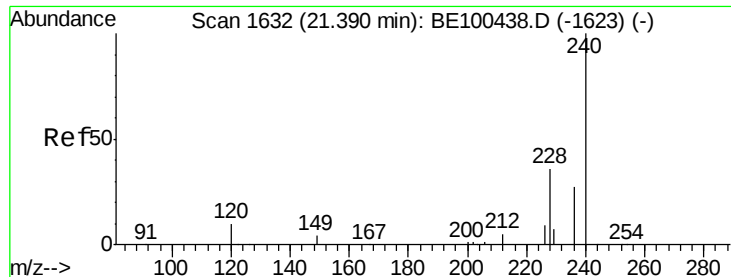
101 10.9 8.9 13.3

203 17.3 13.8 20.6



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: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

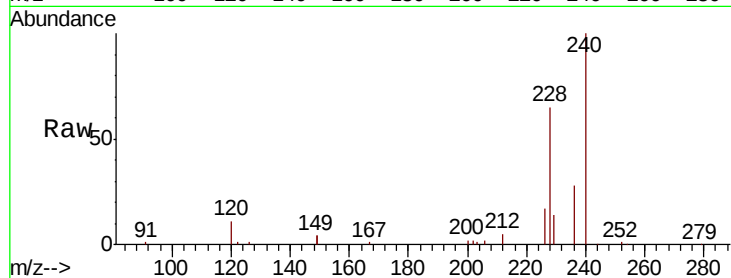
Tot Ion:240 Resp: 28759

Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

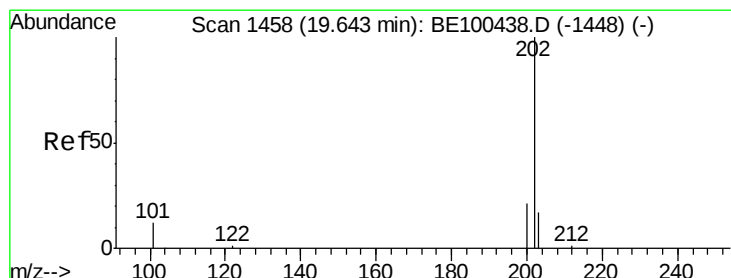
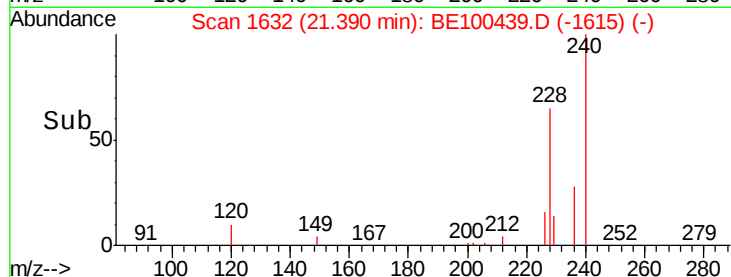
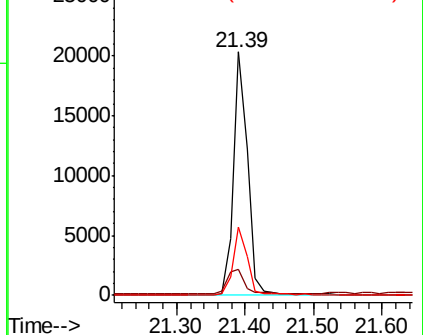
236 28.3 22.0 33.0



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: 0.750 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

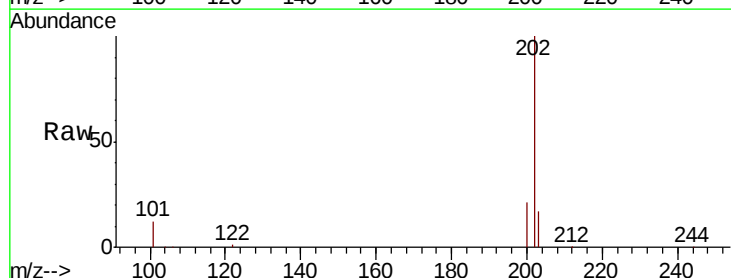
Tgt Ion:202 Resp: 63051

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

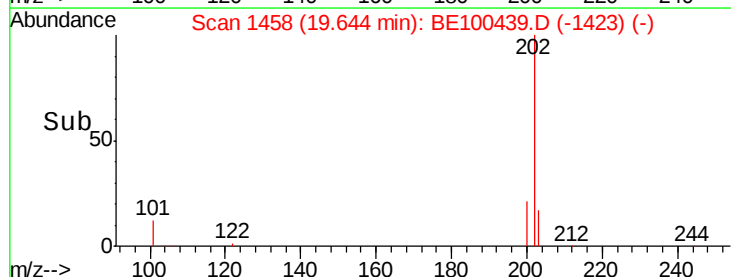
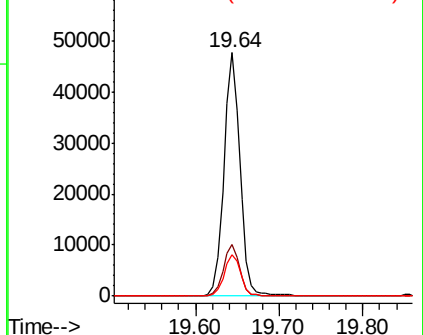
203 17.3 13.8 20.8

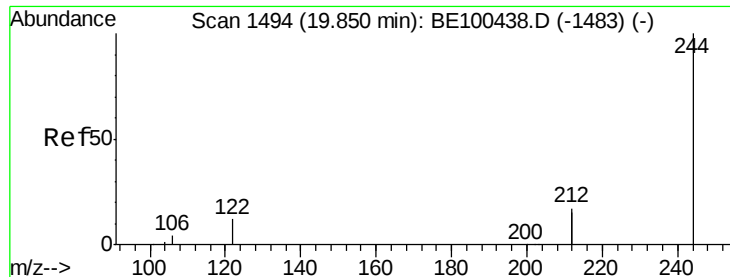


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.781 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampled :

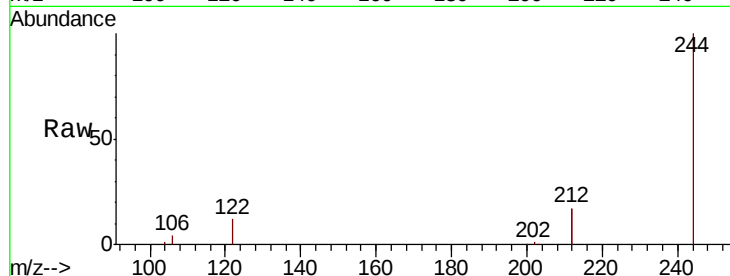
Tot Ion:244 Resp: 54541

Ion Ratio Lower Upper

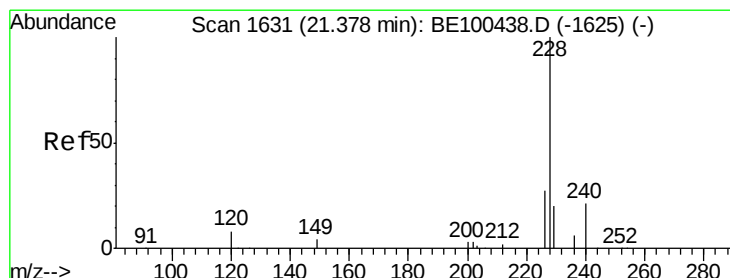
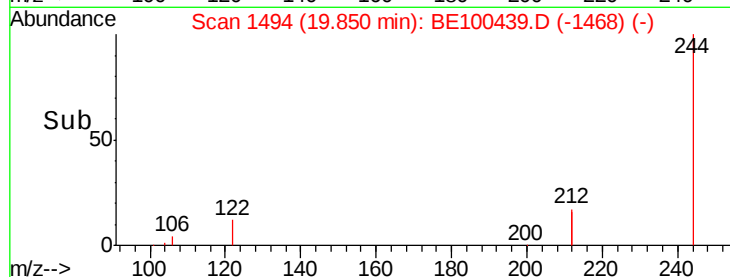
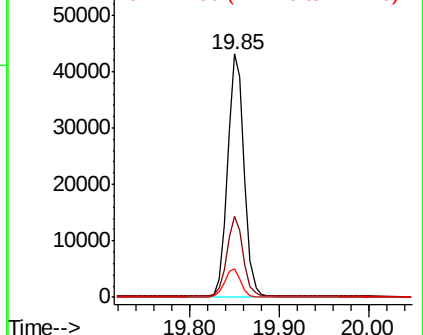
244 100

212 33.1 26.3 39.5

122 11.7 9.4 14.2



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: 0.742 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

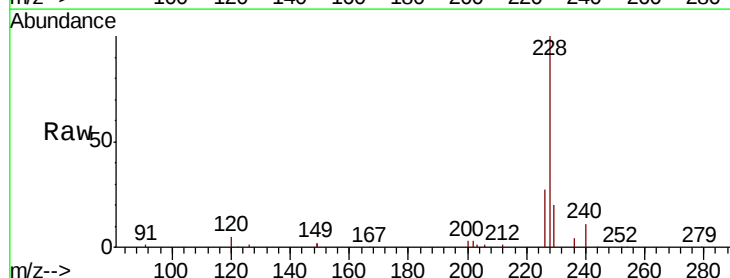
Tgt Ion:228 Resp: 58498

Ion Ratio Lower Upper

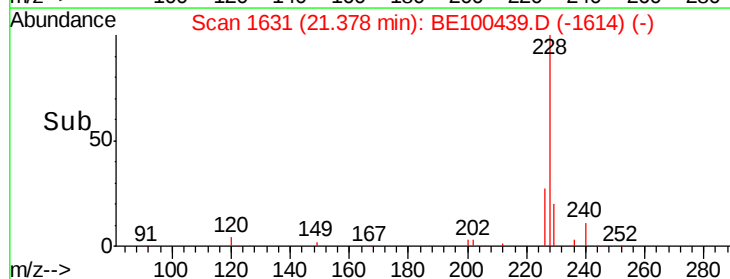
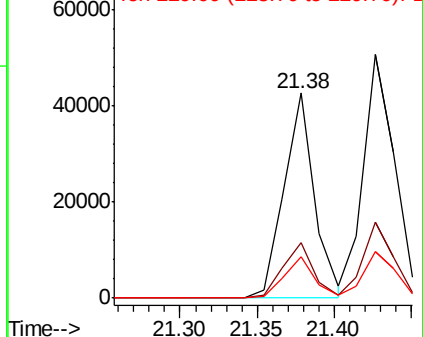
228 100

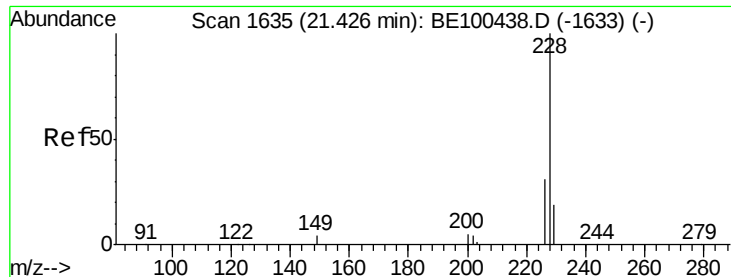
226 27.0 21.6 32.4

229 19.9 15.8 23.8



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: 0.773 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

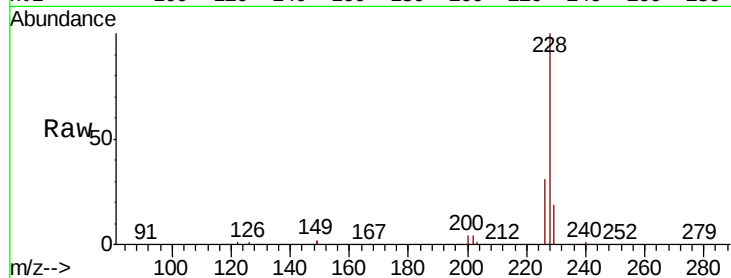
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 71653

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	19.3	15.8	23.6

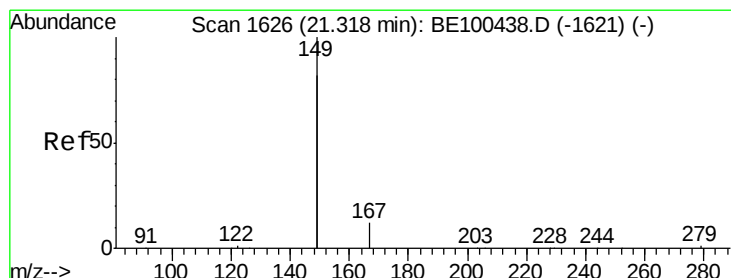
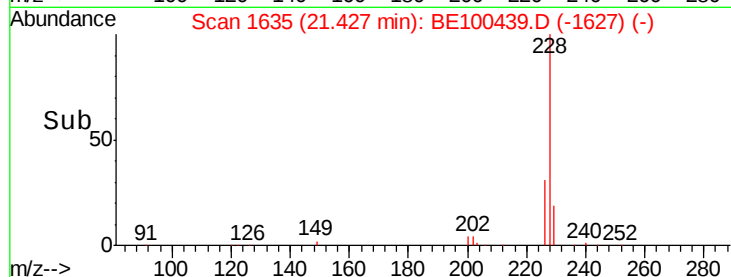
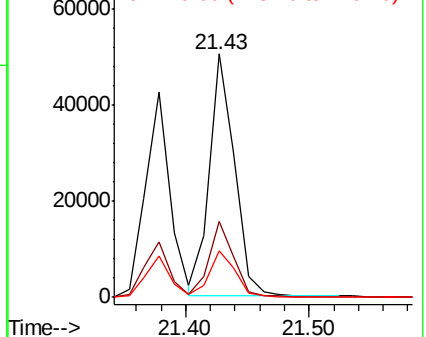


Abundance

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: 0.634 ng

RT: 21.32 min Scan# 1626

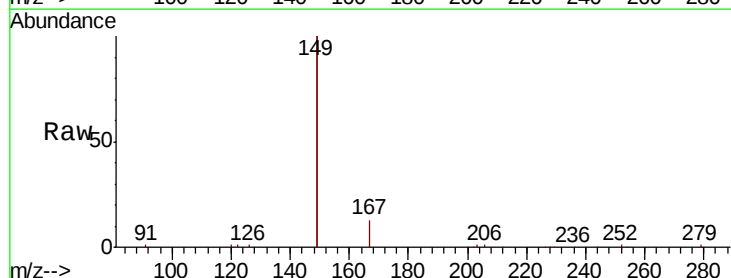
Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Tgt Ion:149 Resp: 38235

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	1.0	1.2	1.8#

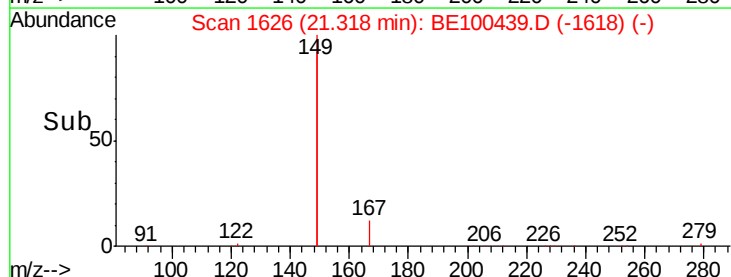
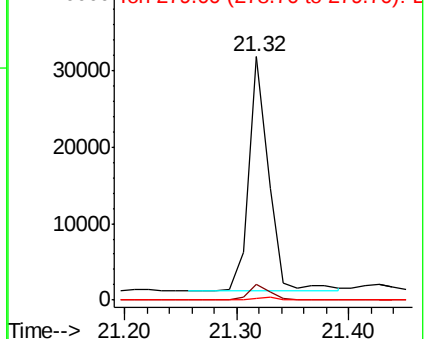


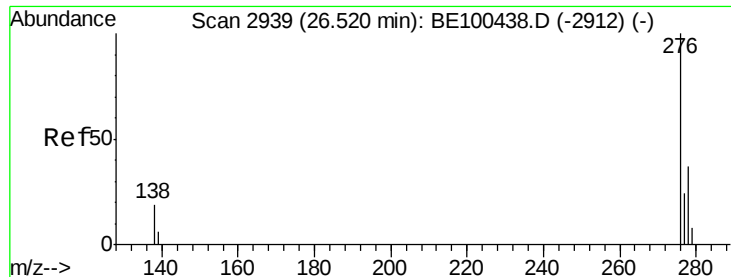
Abundance

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

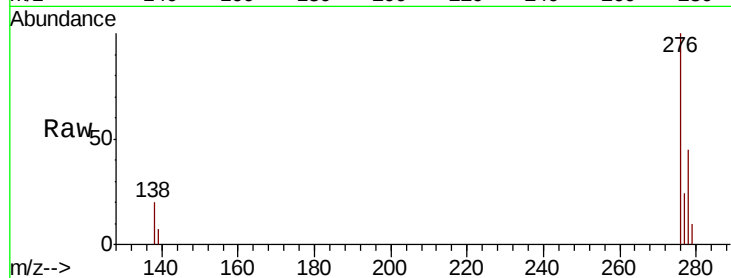




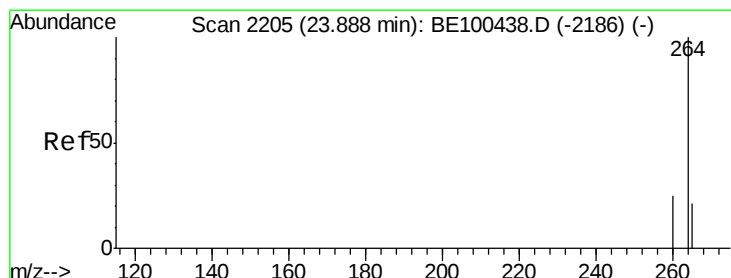
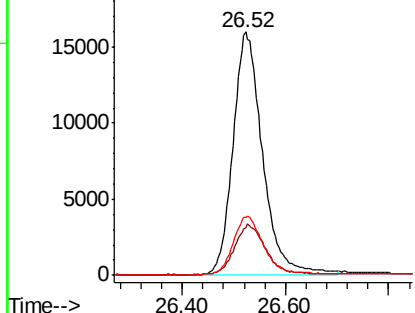
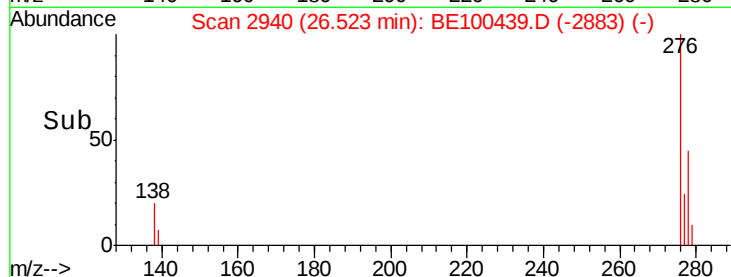
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.754 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 63261
Ion Ratio Lower Upper
276 100
138 21.6 17.0 25.6
277 24.2 19.8 29.6

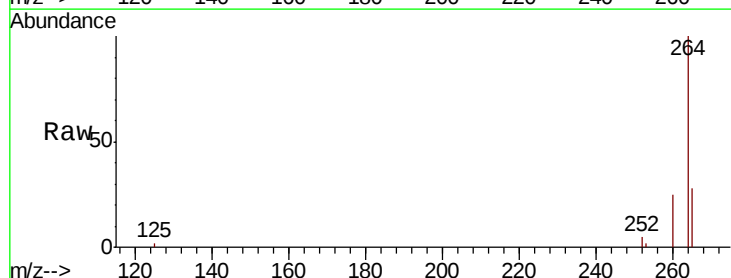


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

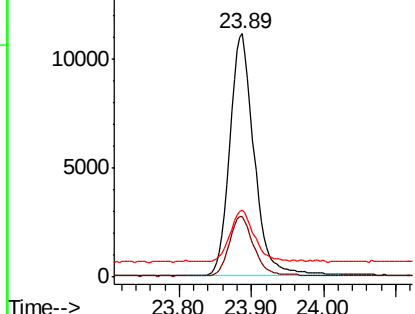
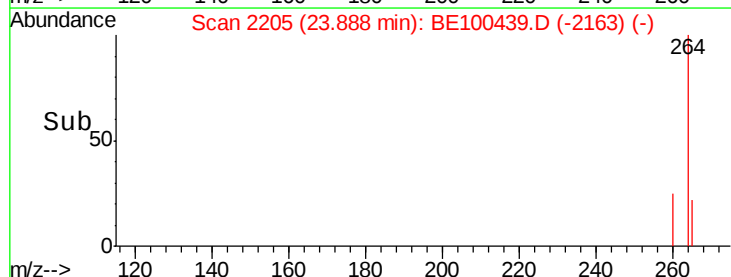


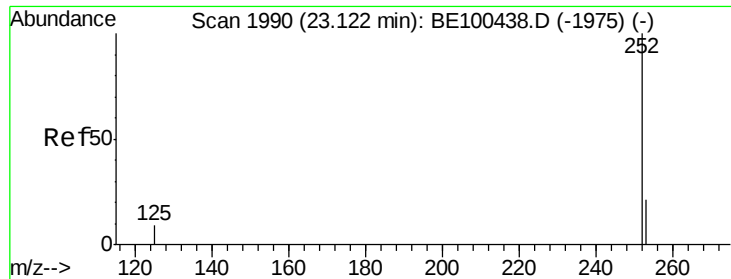
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:264 Resp: 25769
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 27.7 22.2 33.4



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: 0.750 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :

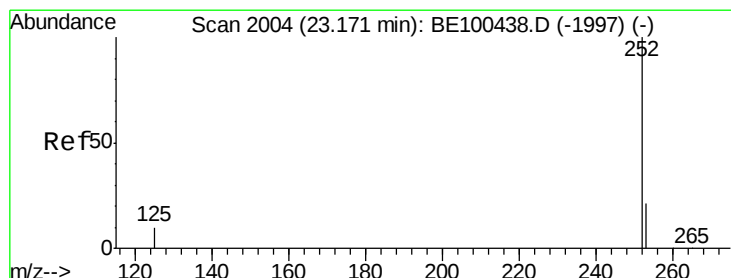
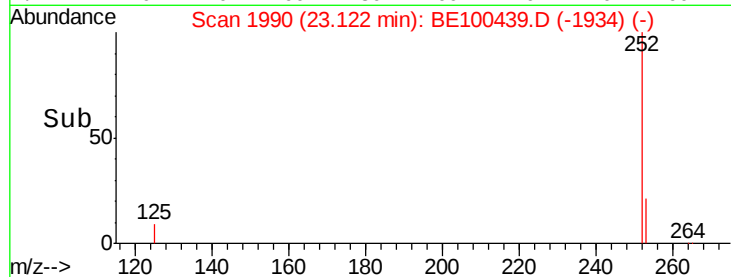
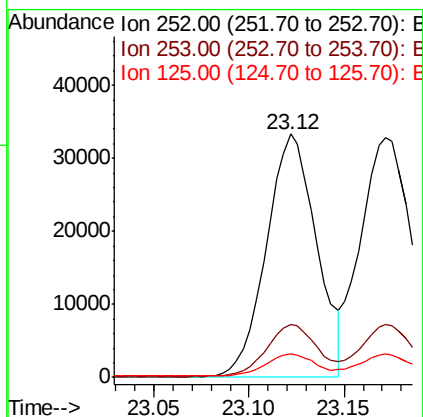
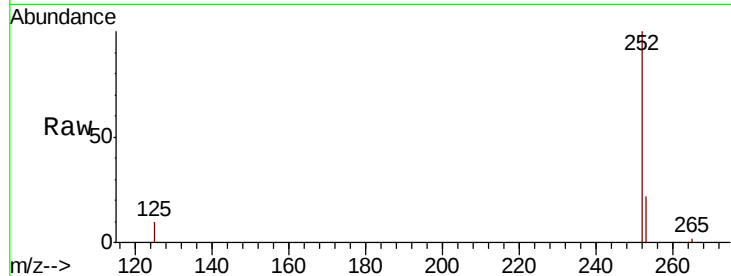
Tot Ion:252 Resp: 60730

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.7 8.0 12.0



#36

Benzo(k)fluoranthene

Concen: 0.767 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

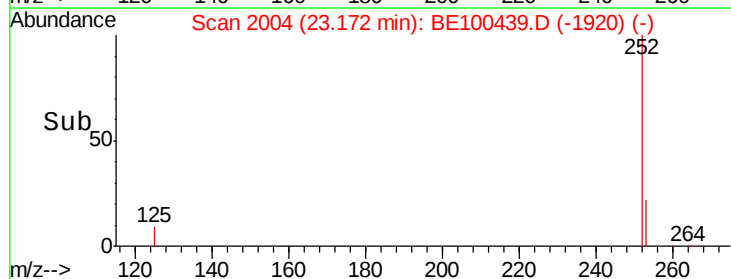
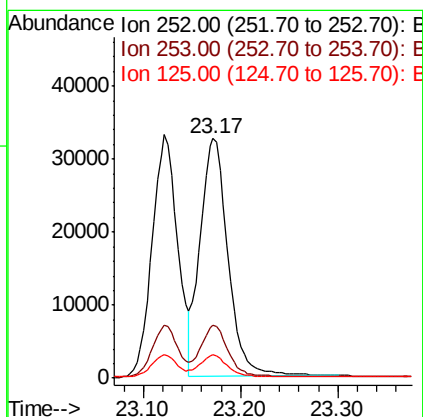
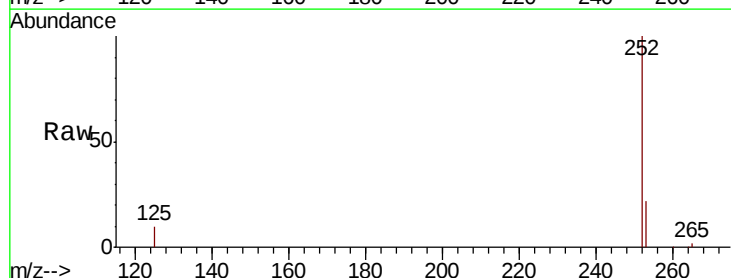
Tgt Ion:252 Resp: 64964

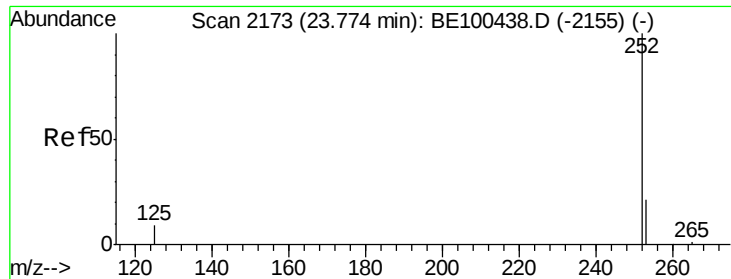
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 8.3 12.5

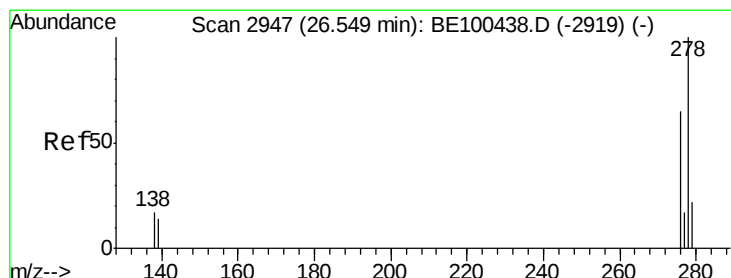
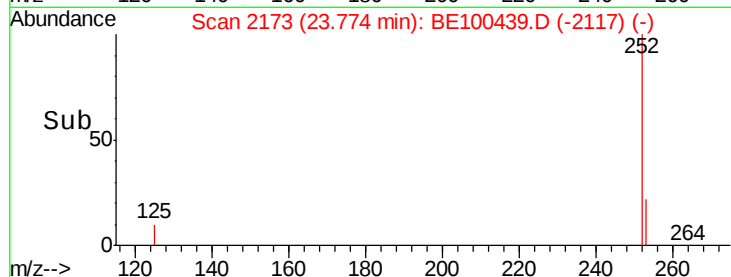
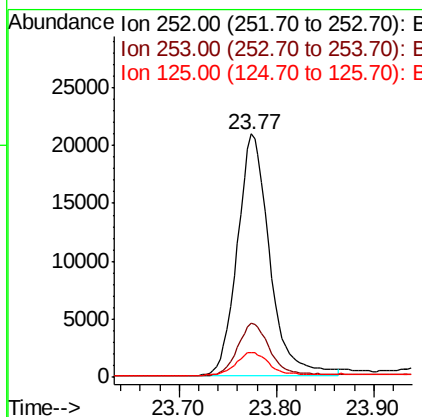
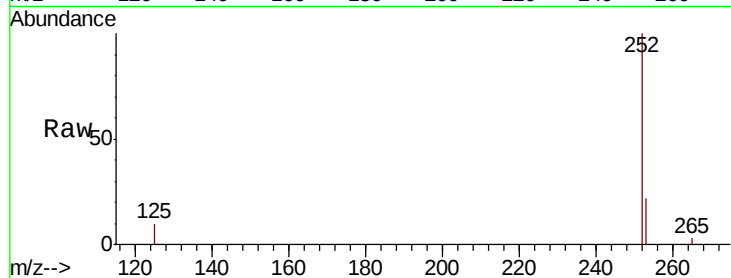




#37
Benzo(a)pyrene
Concen: 0.712 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

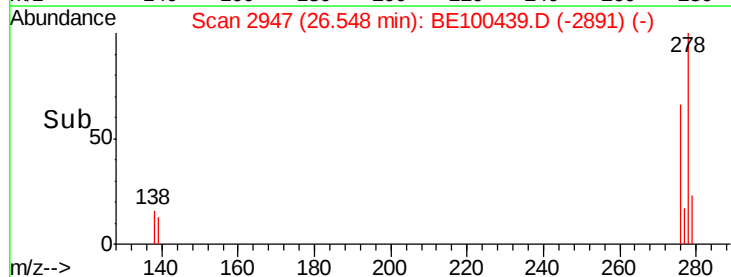
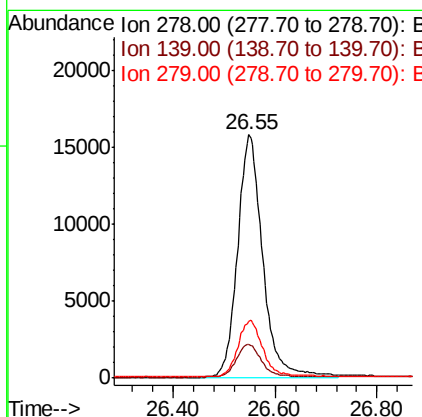
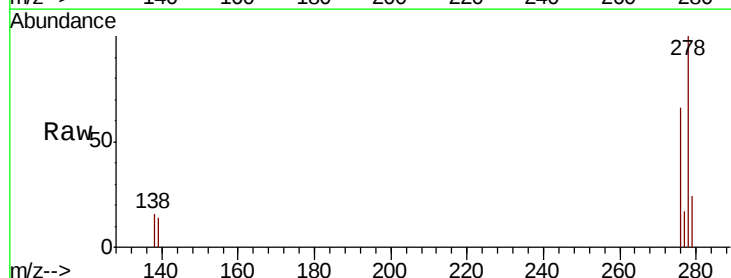
Instrument :
BNA_E
ClientSampled :

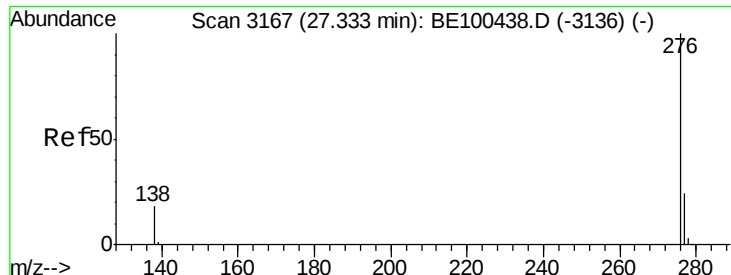
Tot Ion:252 Resp: 48239
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.4 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 0.762 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:278 Resp: 53887
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.2
279 23.5 18.6 27.8





#39

Benzo(a,h,i)perylene

Concen: 0.751 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

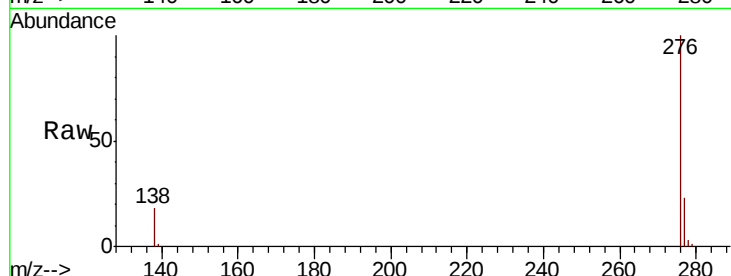
Lab File: BE100439.D

Acq: 16 Jul 2019 10:20

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 55166

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 18.1 15.1 22.7

Abundance Ion 276.00 (275.70 to 276.70): E
20000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

