

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100371.D
 Acq On : 4 Jul 2019 17:46
 Operator : JU/SJ
 Sample : K3560-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-011-SW138-062419

Quant Time: Jul 05 01:15:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	625	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2112	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1597	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5171	0.40	ng	0.00
27) Chrysene-d12	21.24	240	6980	0.40	ng	0.00
34) Perylene-d12	23.67	264	8220	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	650	0.41	ng	0.00
5) Phenol-d6	6.82	99	789	0.38	ng	-0.01
8) Nitrobenzene-d5	8.81	82	708	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1355	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	494	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2020	0.32	ng	-0.01
25) Fluoranthene-d10	19.09	212	20870	0.28	ng	0.00
29) Terphenyl-d14	19.69	244	4291	0.30	ng	0.00

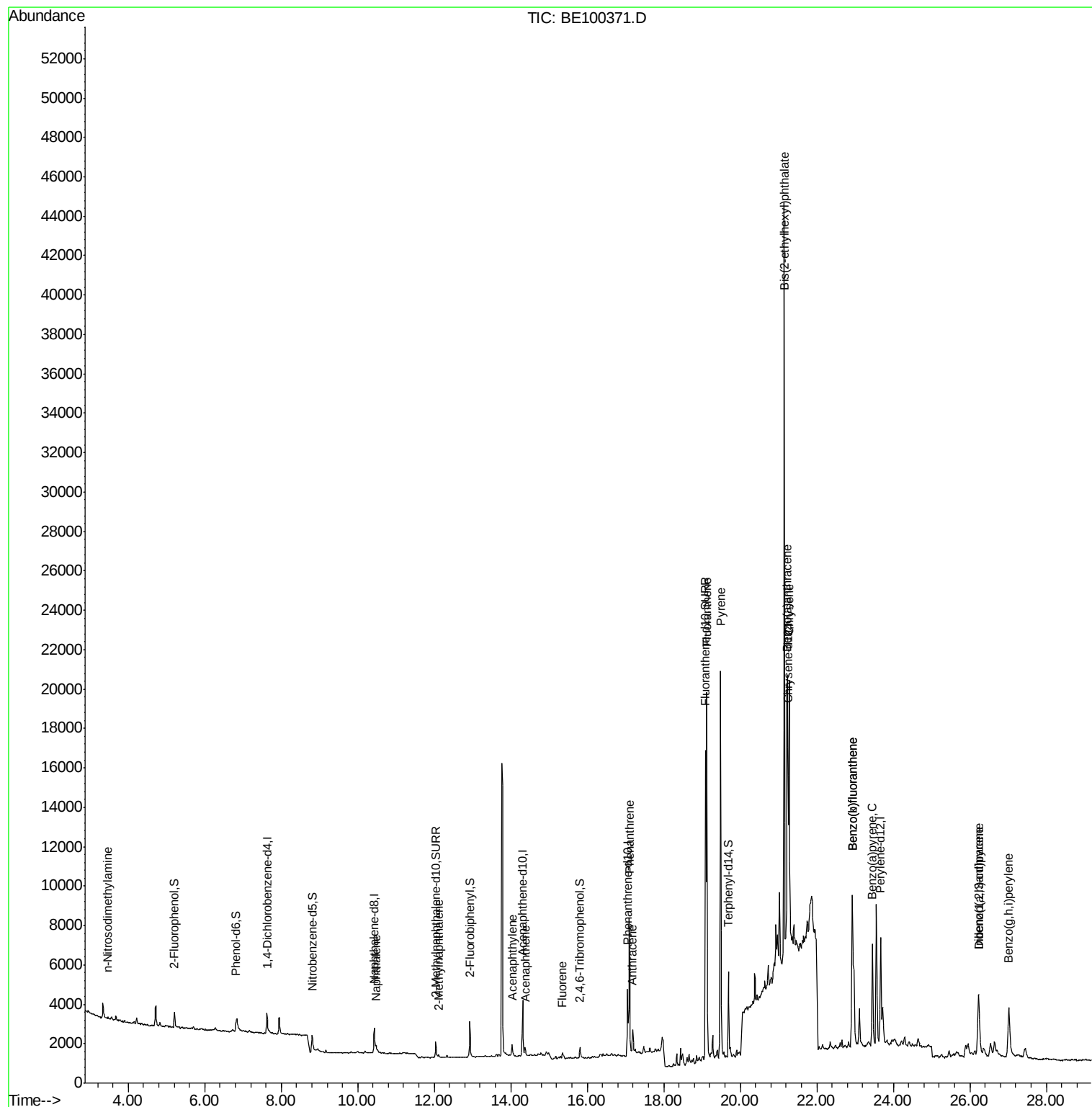
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.47	42	21	0.046	ng	# 1
9) Naphthalene	10.48	128	731	0.031	ng	# 77
12) 2-Methylnaphthalene	12.11	142	92	0.023	ng	# 77
16) Acenaphthylene	14.04	152	1031	0.135	ng	98
17) Acenaphthene	14.37	154	213	0.049	ng	# 85
18) Fluorene	15.35	166	325	0.051	ng	# 98
23) Phenanthrene	17.09	178	7858	0.627	ng	99
24) Anthracene	17.19	178	1521	0.135	ng	98
26) Fluoranthene	19.13	202	18754	0.939	ng	99
28) Pvrene	19.49	202	19755	1.069	ng	# 95
30) Benzo(a)anthracene	21.22	228	12845	0.560	ng	# 91
31) Chrysene	21.28	228	13643	0.592	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.15	149	40277	1.184	ng	99
33) Indeno(1,2,3-cd)pyrene	26.22	276	6996	0.230	ng	96
35) Benzo(b)fluoranthene	22.93	252	14732	0.661	ng	# 94
36) Benzo(k)fluoranthene	22.93	252	14732	0.592	ng	# 90
37) Benzo(a)pvrene	23.45	252	8411	0.377	ng	94
38) Dibenzo(a,h)anthracene	26.23	278	1789	0.077	ng	# 40
39) Benzo(g,h,i)perylene	27.02	276	7282	0.304	ng	# 87

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

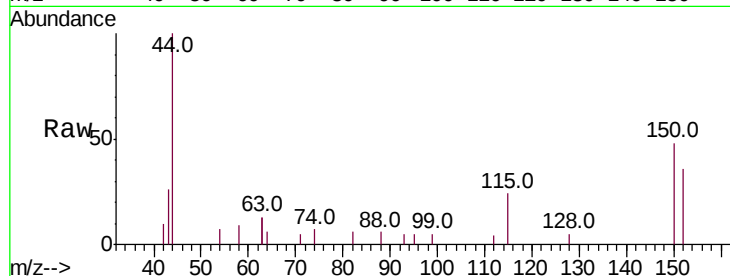
Tot Ion:152 Resp: 625

Ion Ratio Lower Upper

152 100

150 133.3 114.5 171.7

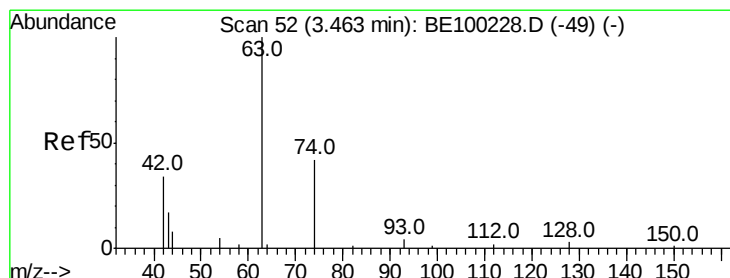
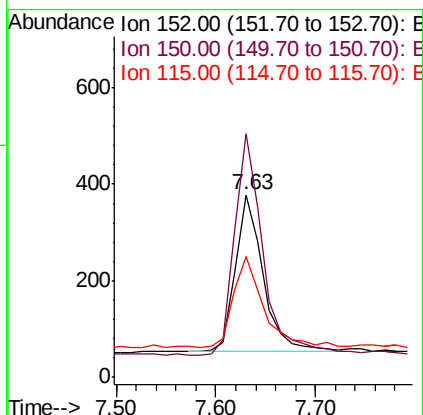
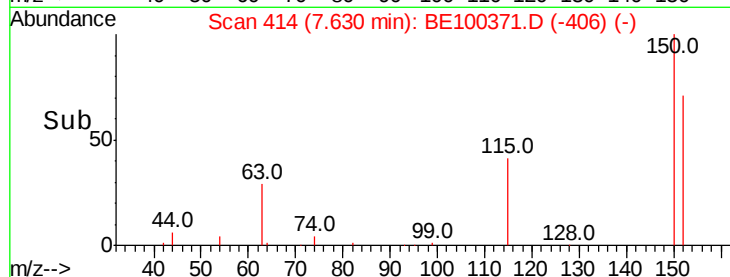
115 66.4 57.1 85.7



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: 0.046 ng

RT: 3.47 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

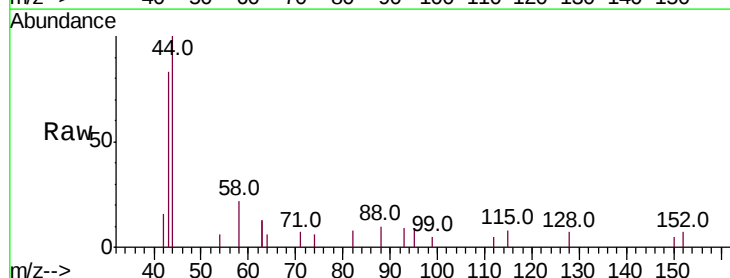
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

74 81.0 130.6 196.0#

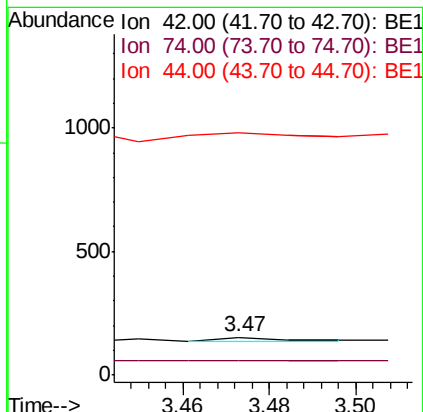
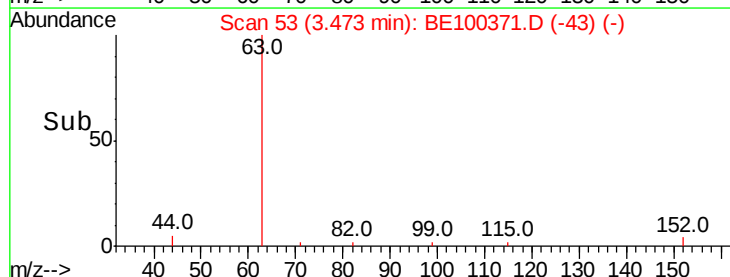
44 371.4 38.0 57.0#

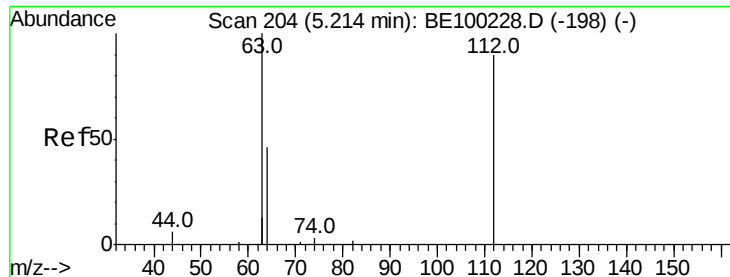


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.408 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

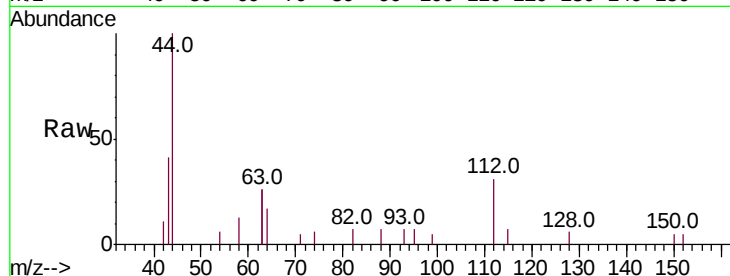
Tot Ion:112 Resp: 650

Ion Ratio Lower Upper

112 100

64 56.3 39.4 59.0

63 132.3 104.5 156.7



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

800

600

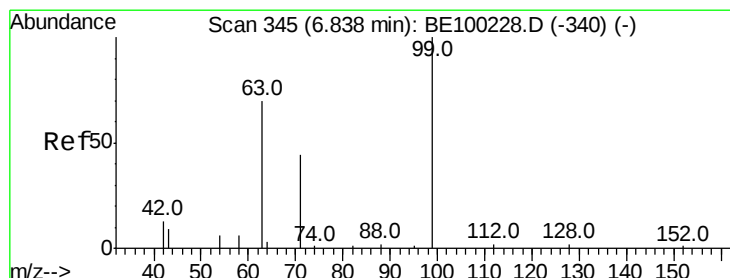
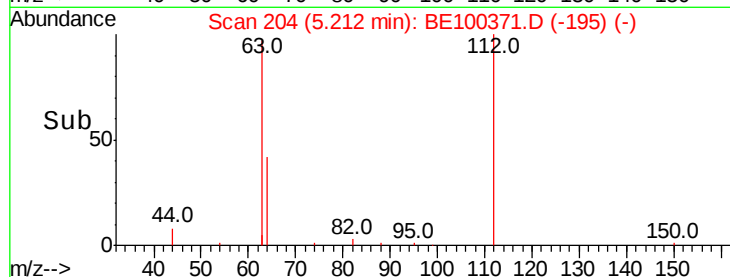
400

200

0

5.10 5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.376 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

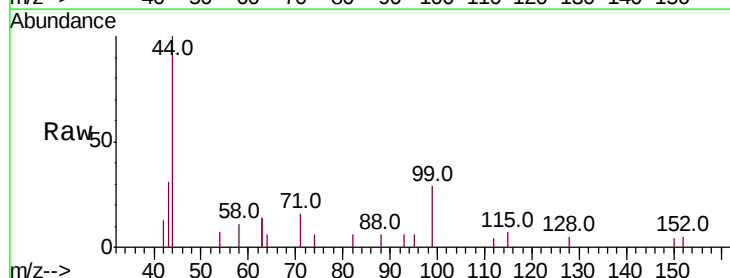
Tgt Ion: 99 Resp: 789

Ion Ratio Lower Upper

99 100

42 19.1 11.2 16.8#

71 45.9 37.2 55.8



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

400

300

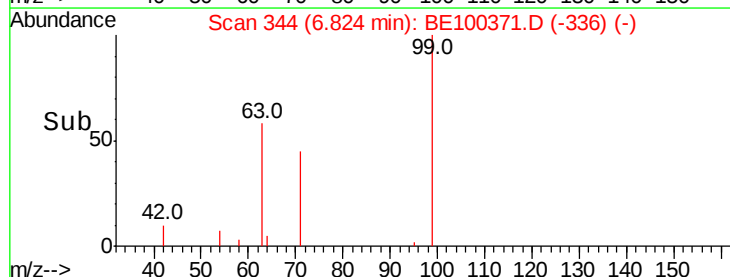
200

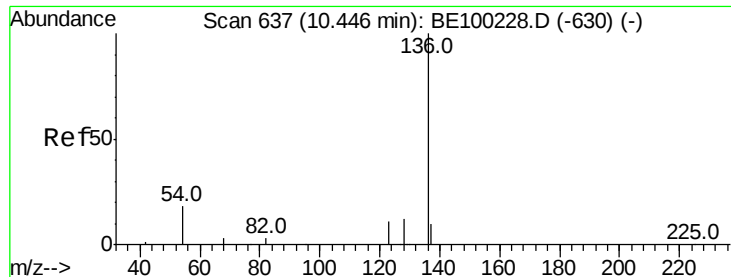
100

0

6.70 6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

Tot Ion:136 Resp: 2112

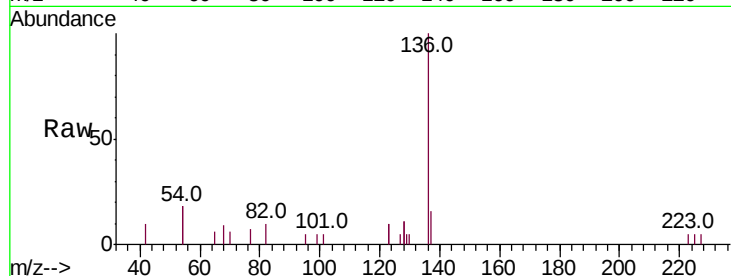
Ion Ratio Lower Upper

136 100

137 15.7 11.8 17.8

54 36.9 27.7 41.5

68 8.8 6.8 10.2

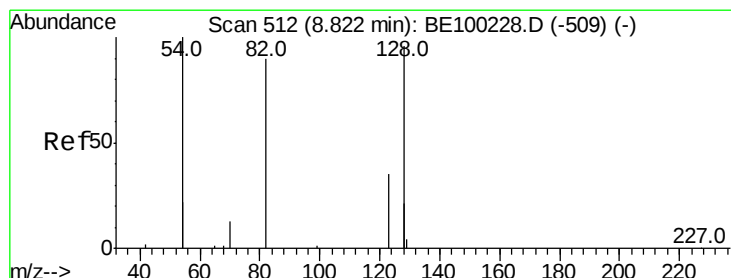
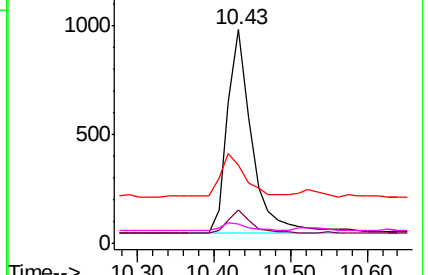
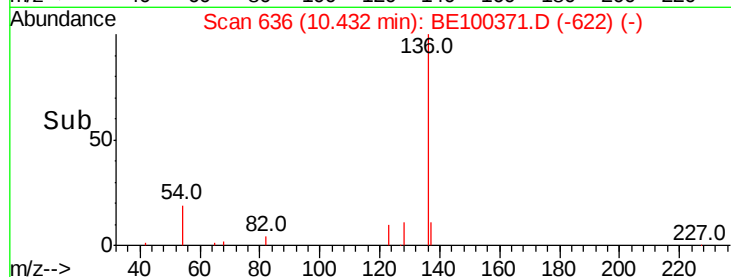


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.337 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

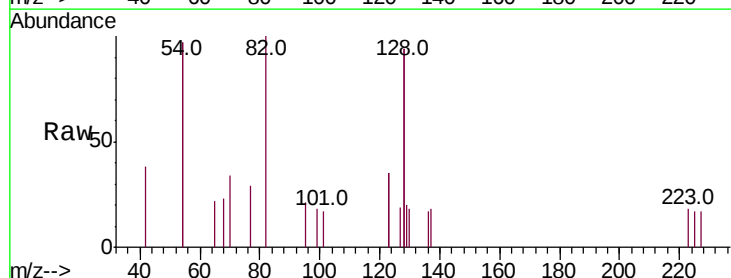
Tgt Ion: 82 Resp: 708

Ion Ratio Lower Upper

82 100

128 188.9 140.9 211.3

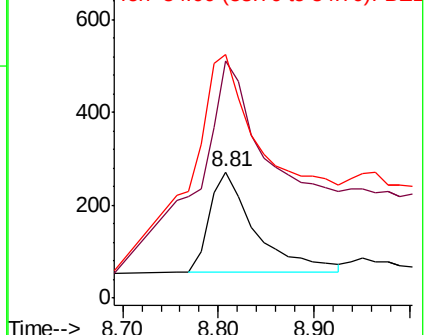
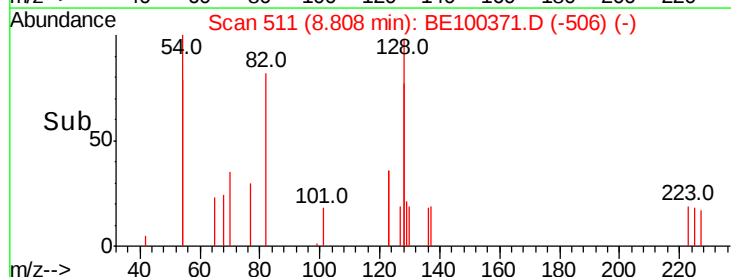
54 193.4 146.2 219.2

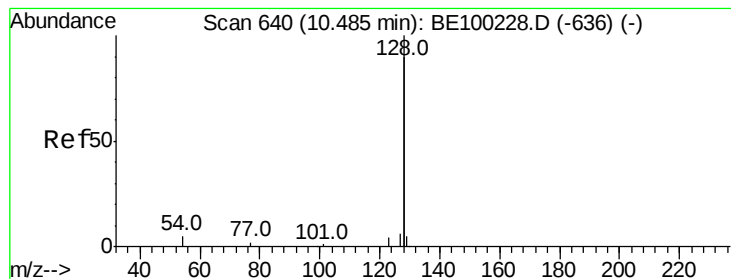


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.031 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

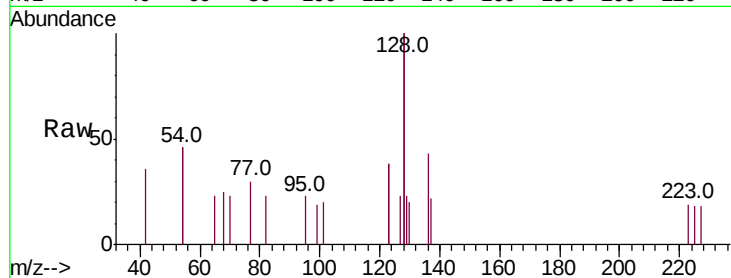
Tot Ion:128 Resp: 731

Ion Ratio Lower Upper

128 100

129 11.6 3.0 4.6#

127 11.6 3.5 5.3#



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

10.48

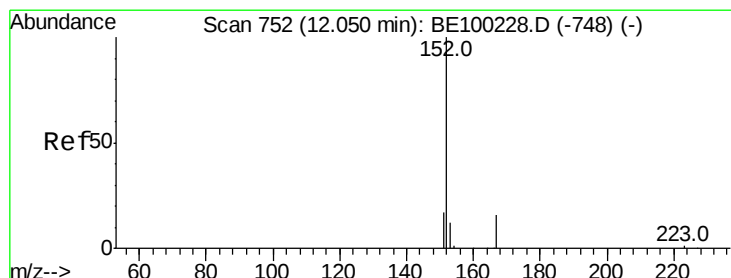
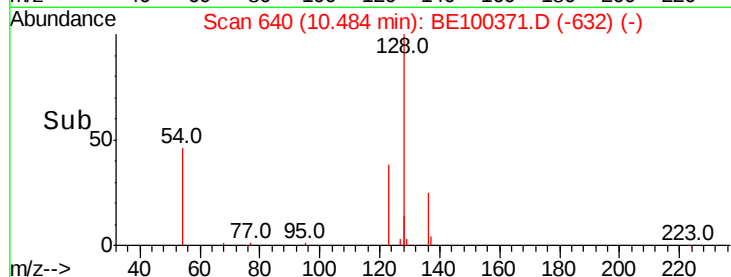
400

200

0

10.40 10.60

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100371.D

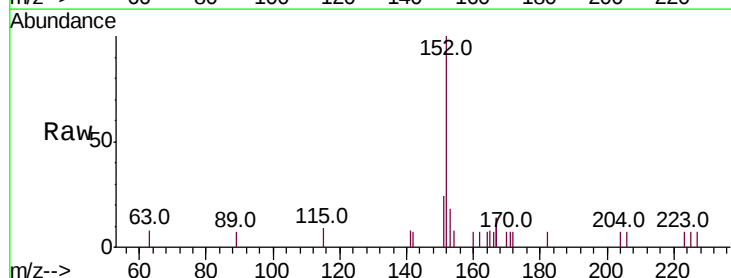
Acq: 4 Jul 2019 17:46

Tgt Ion:152 Resp: 1355

Ion Ratio Lower Upper

152 100

151 21.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

800

600

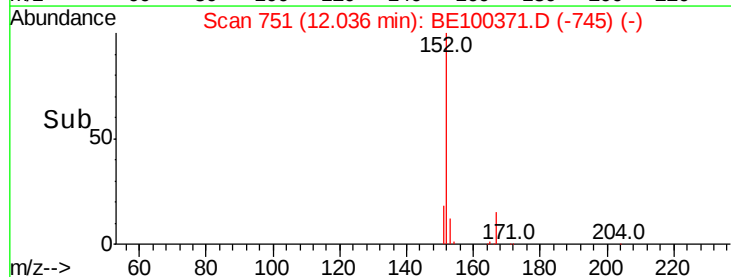
400

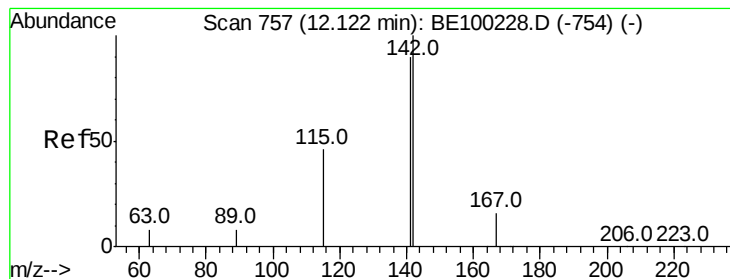
200

0

11.90 12.00 12.10 12.20

Time-->





#12

2-Methylnaphthalene

Concen: 0.023 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

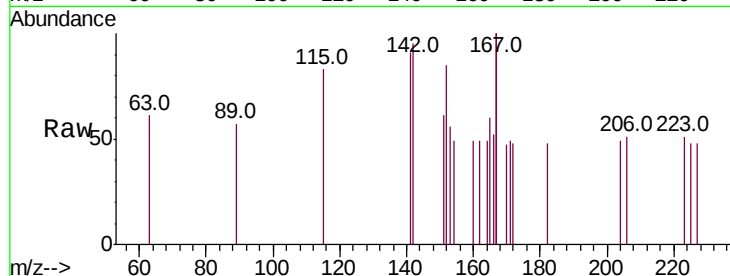
Tot Ion:142 Resp: 92

Ion Ratio Lower Upper

142 100

141 96.6 72.4 108.6

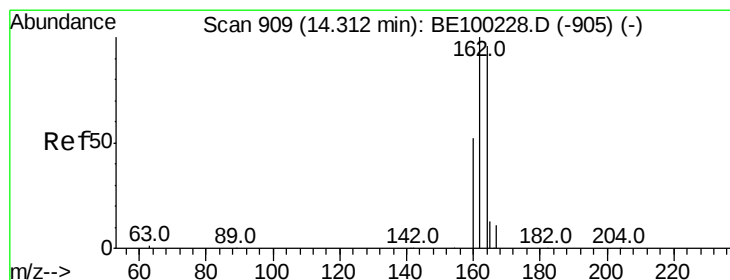
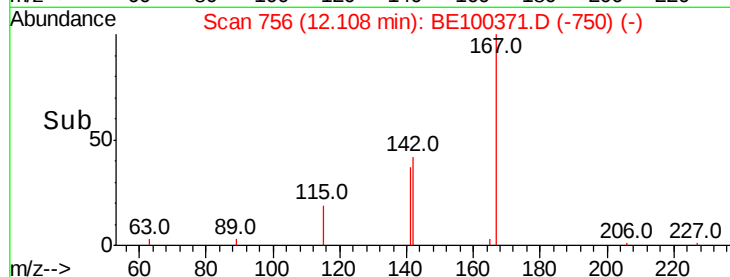
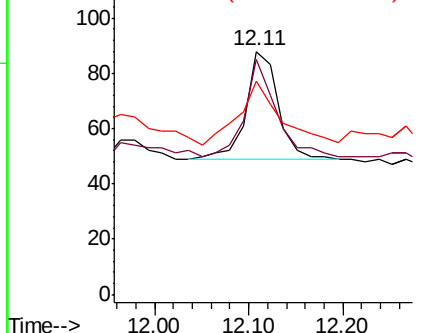
115 87.5 40.4 60.6#



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: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

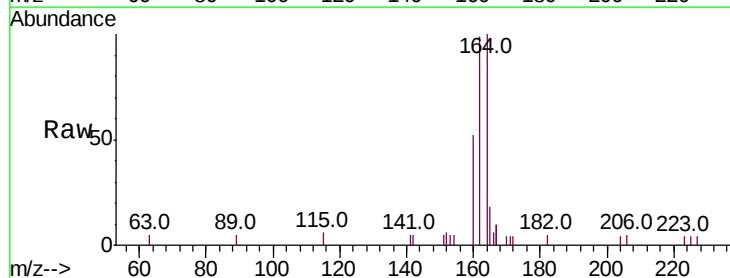
Tgt Ion:164 Resp: 1597

Ion Ratio Lower Upper

164 100

162 98.8 83.4 125.0

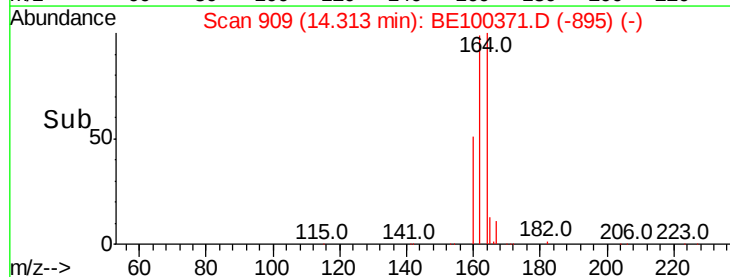
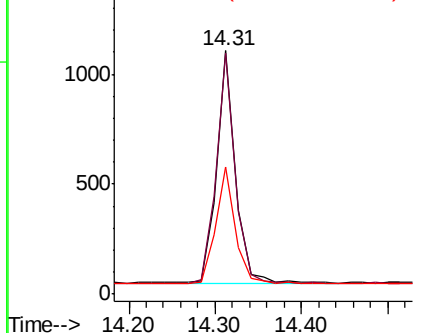
160 52.2 45.0 67.6

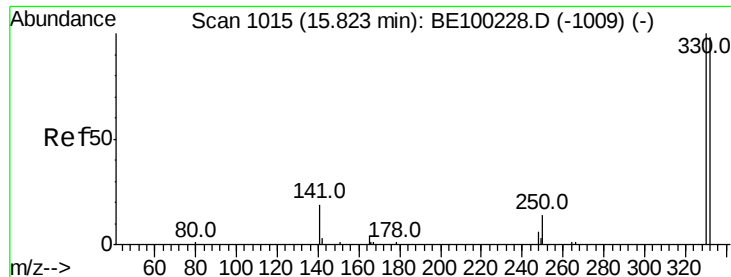


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

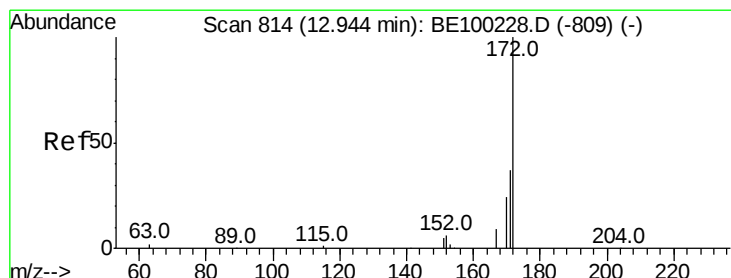
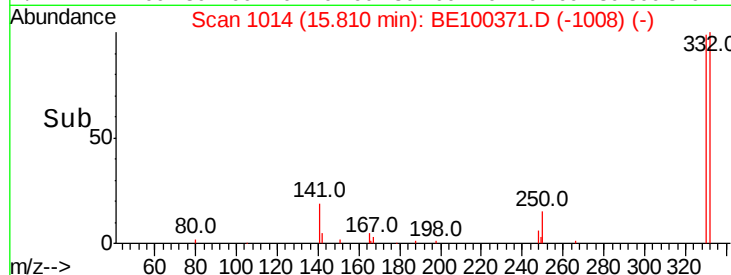
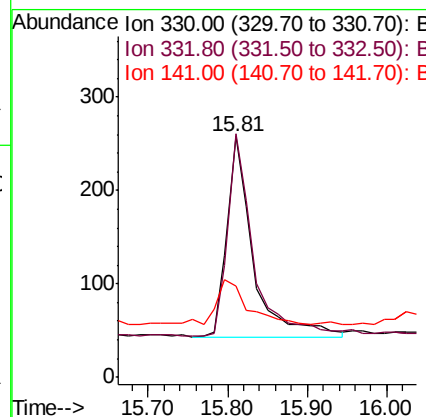
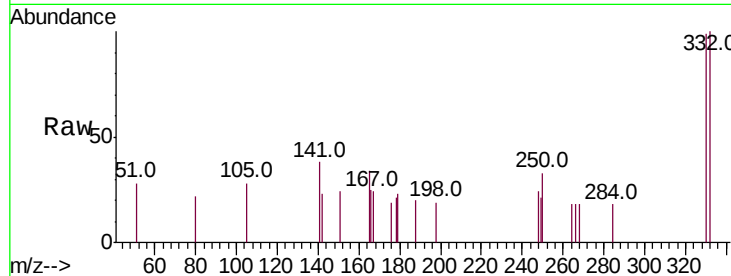




#14
 2,4,6-Tribromophenol
 Concen: 0.442 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100371.D
 Acq: 4 Jul 2019 17:46

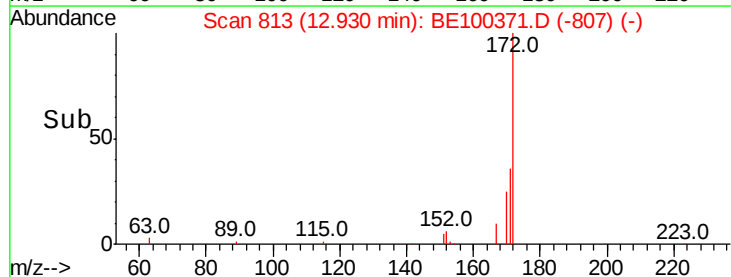
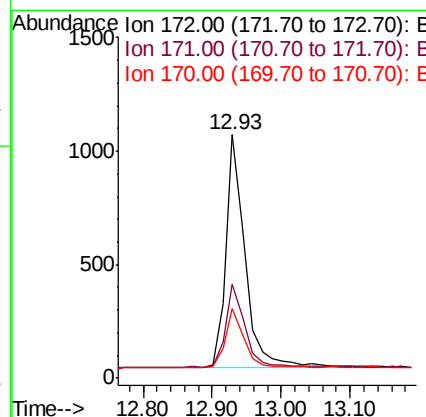
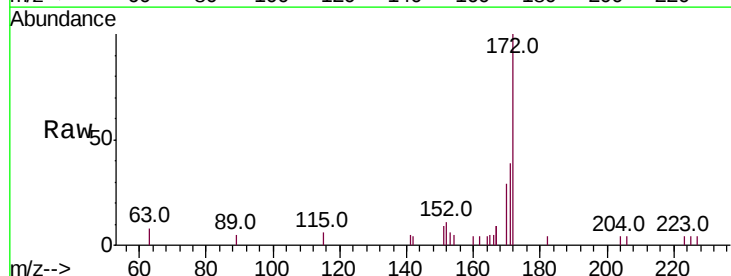
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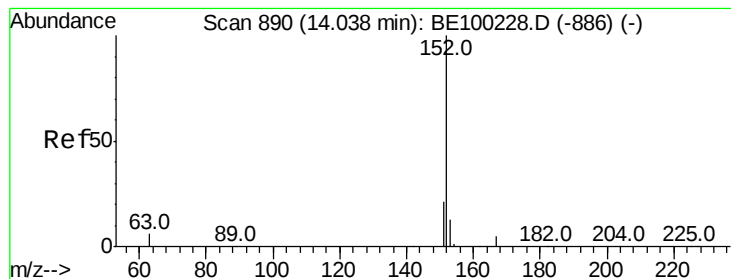
Tot Ion:330 Resp: 494
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.0 115.4
 141 26.1 22.0 33.0



#15
 2-Fluorobiphenyl
 Concen: 0.325 ng
 RT: 12.93 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BE100371.D
 Acq: 4 Jul 2019 17:46

Tgt Ion:172 Resp: 2020
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.9 47.9
 170 28.8 22.2 33.2





#16

Acenaphthylene

Concen: 0.135 ng

RT: 14.04 min Scan# 890

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

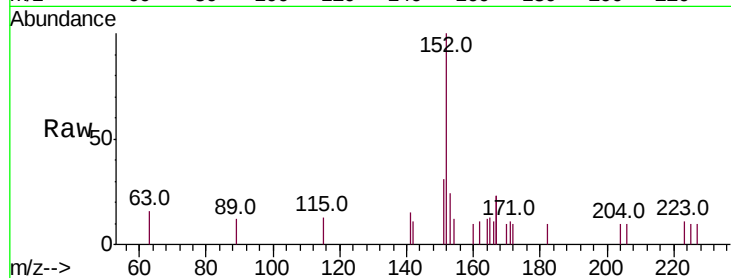
Tot Ion:152 Resp: 1031

Ion Ratio Lower Upper

152 100

151 21.7 16.6 25.0

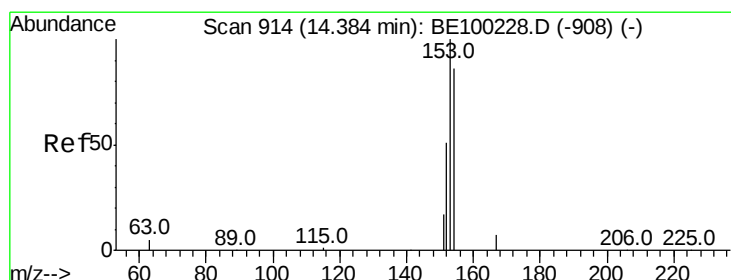
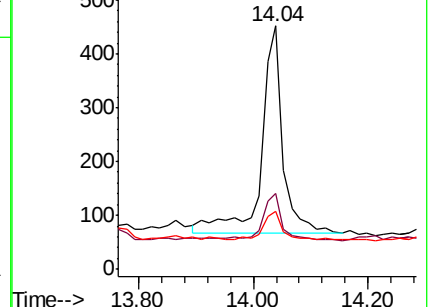
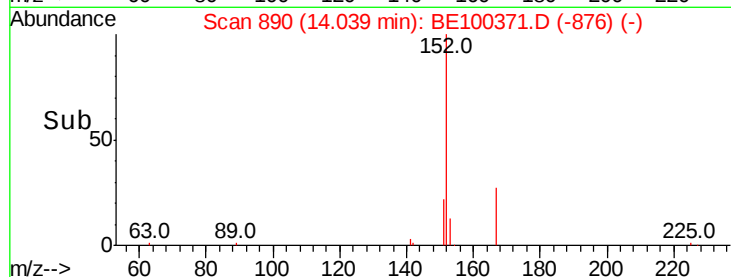
153 11.9 10.5 15.7



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: 0.049 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

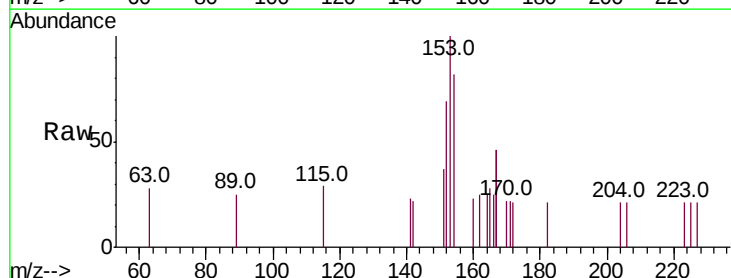
Tgt Ion:154 Resp: 213

Ion Ratio Lower Upper

154 100

153 122.1 93.4 140.2

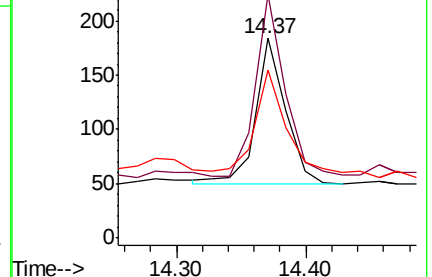
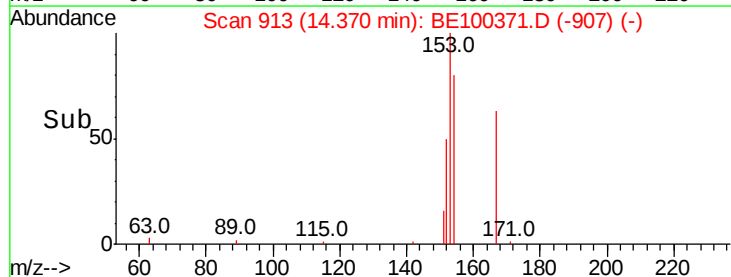
152 88.7 49.4 74.2#

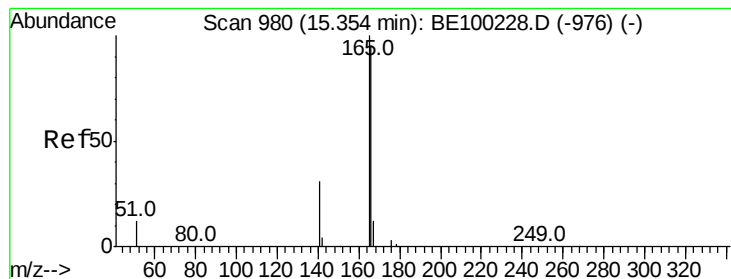


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.051 ng

RT: 15.35 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

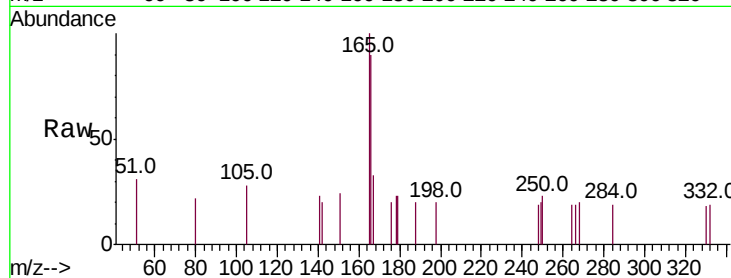
Tot Ion:166 Resp: 325

Ion Ratio Lower Upper

166 100

165 101.8 81.1 121.7

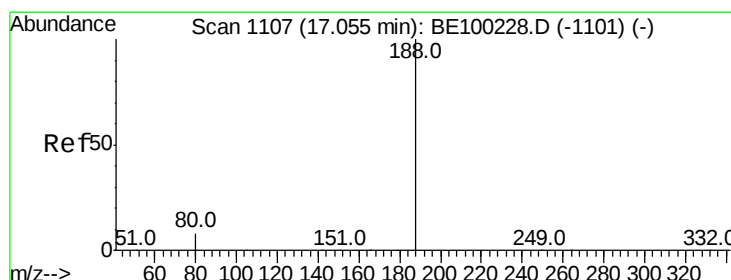
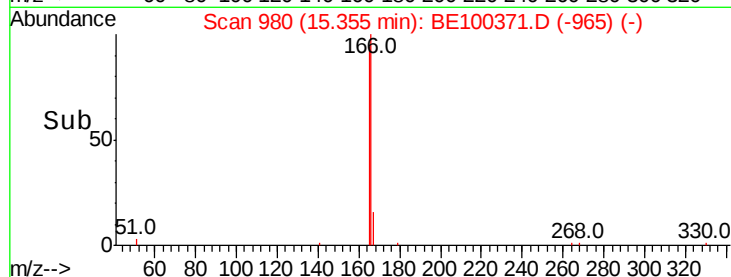
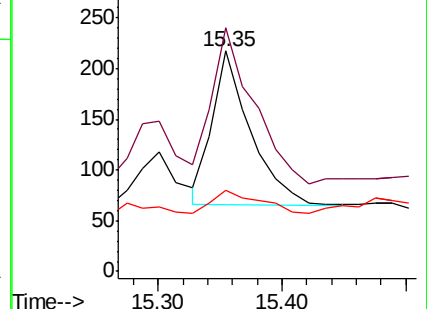
167 19.4 10.7 16.1#



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: 17.05 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

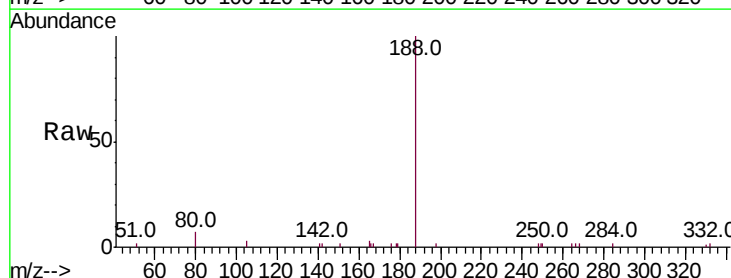
Tgt Ion:188 Resp: 5171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

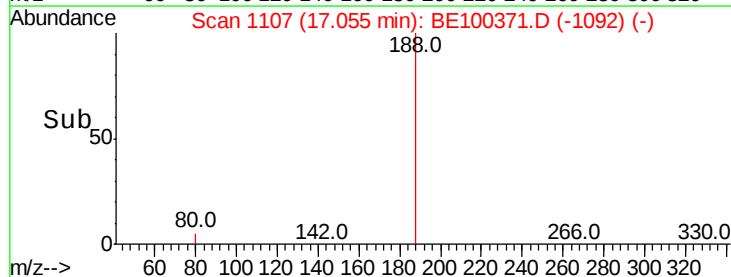
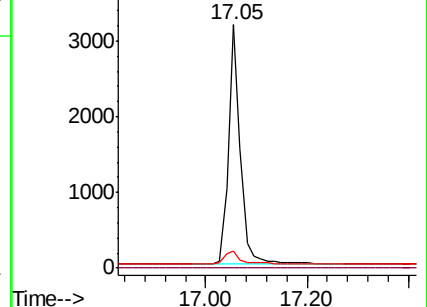
80 7.1 7.6 11.4#

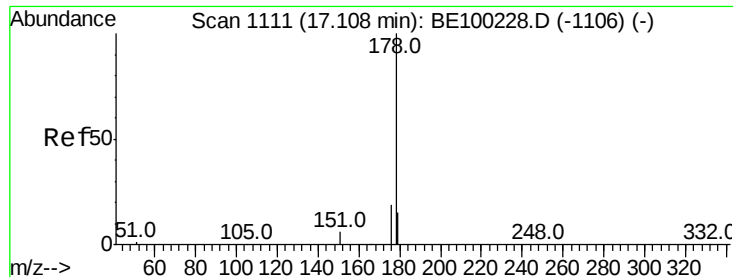


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#23

Phenanthrene

Concen: 0.627 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

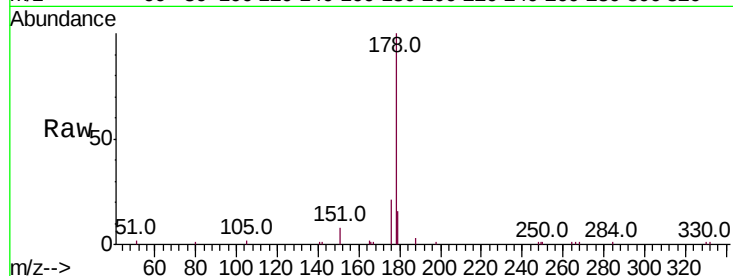
Tot Ion:178 Resp: 7858

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

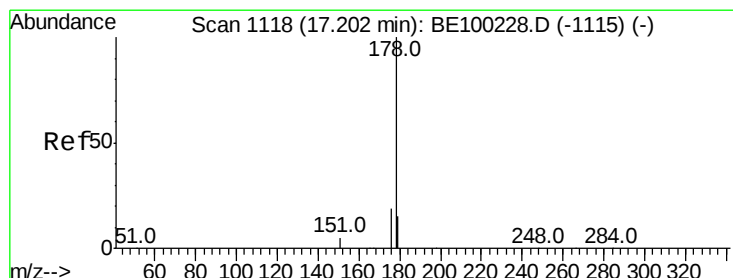
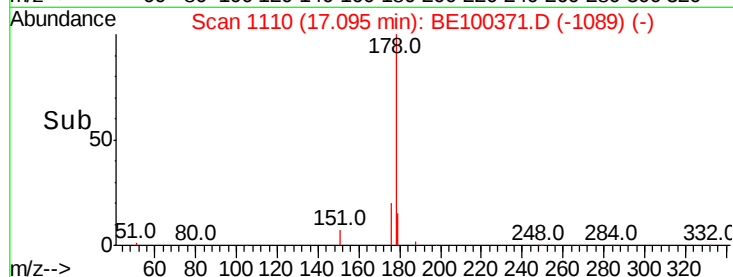
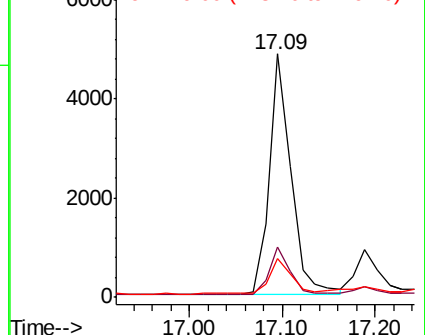
179 15.2 12.2 18.2



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



#24

Anthracene

Concen: 0.135 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

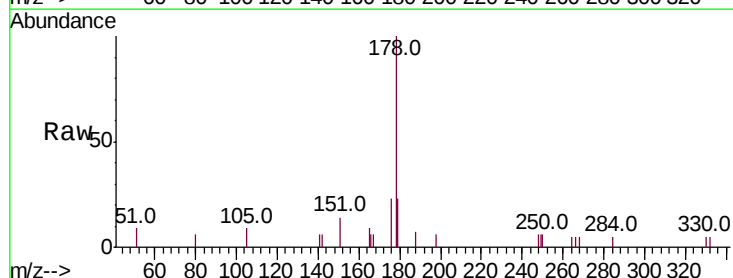
Tgt Ion:178 Resp: 1521

Ion Ratio Lower Upper

178 100

176 17.8 15.3 22.9

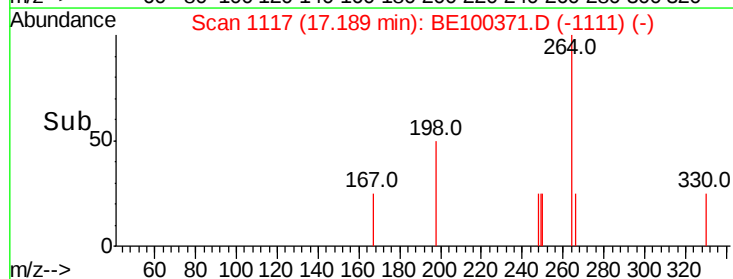
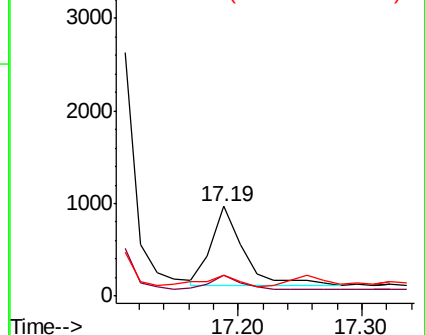
179 14.9 12.2 18.2

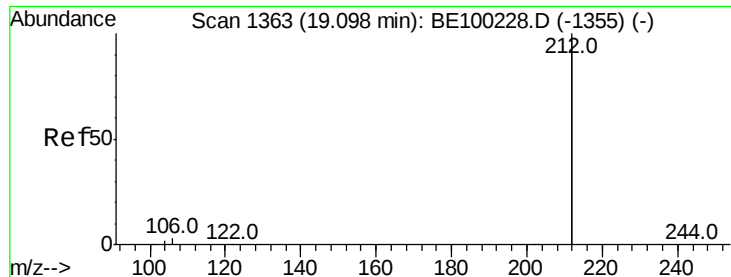


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.278 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

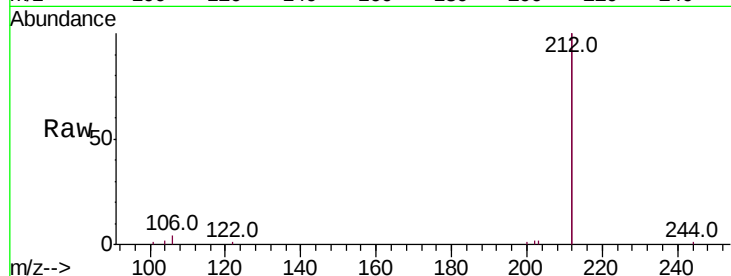
Tot Ion:212 Resp: 20870

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

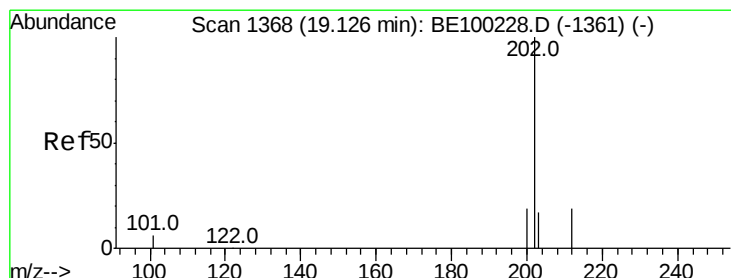
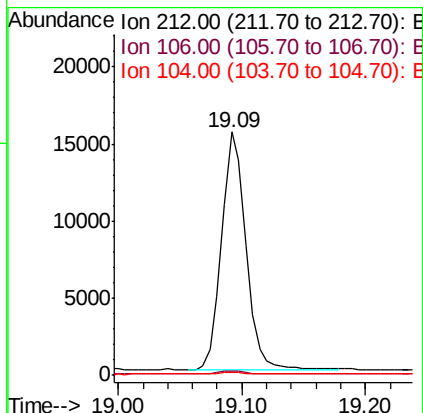
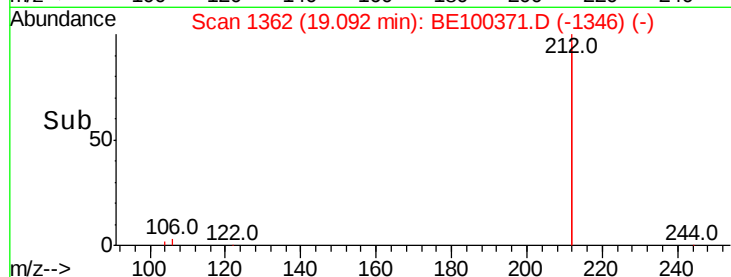
104 0.9 0.8 1.2



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: 0.939 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

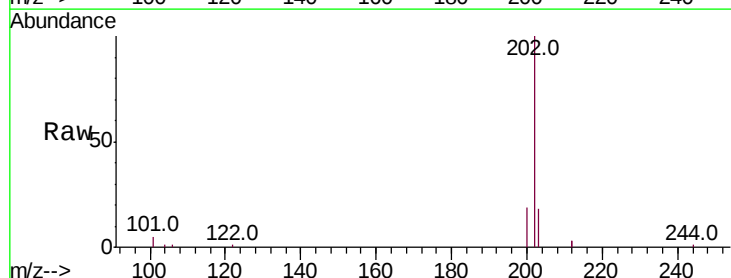
Tgt Ion:202 Resp: 18754

Ion Ratio Lower Upper

202 100

101 5.7 4.6 7.0

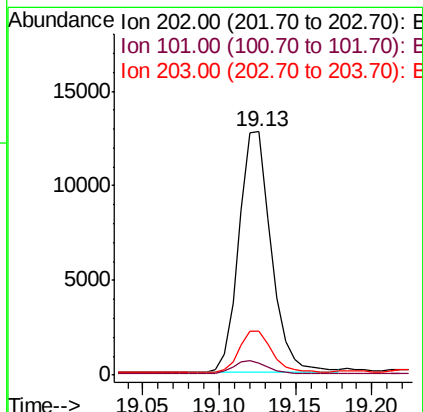
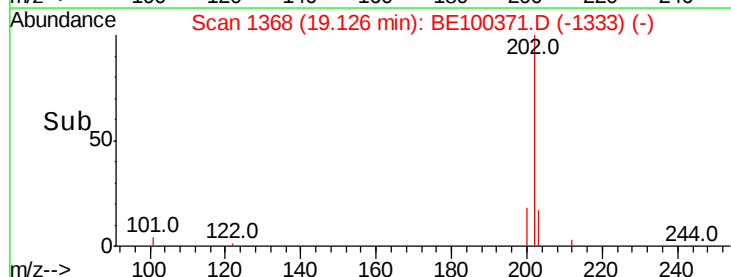
203 17.5 13.7 20.5

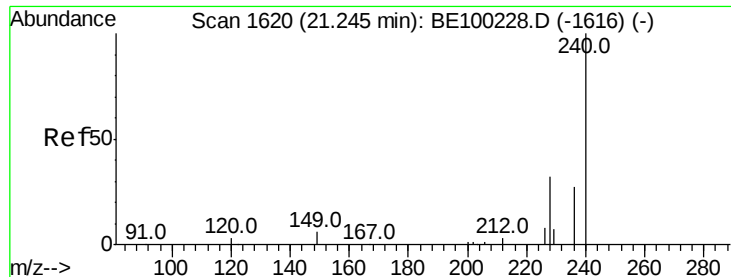


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

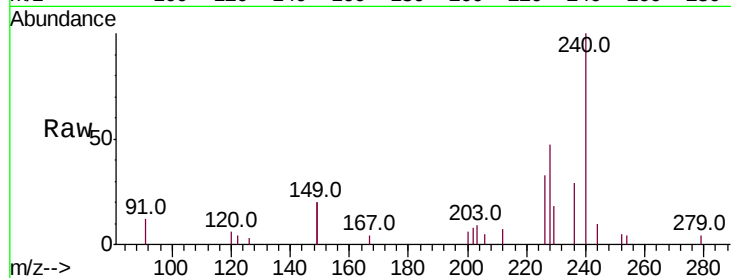
Tot Ion:240 Resp: 6980

Ion Ratio Lower Upper

240 100

120 6.2 3.3 4.9#

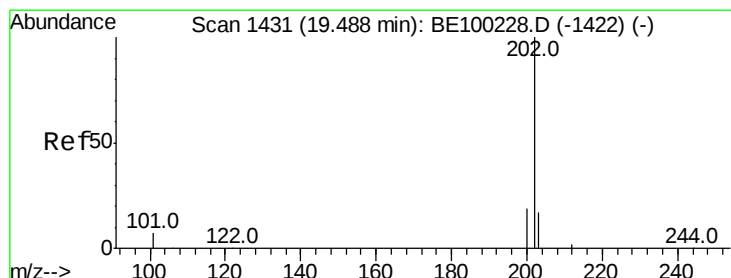
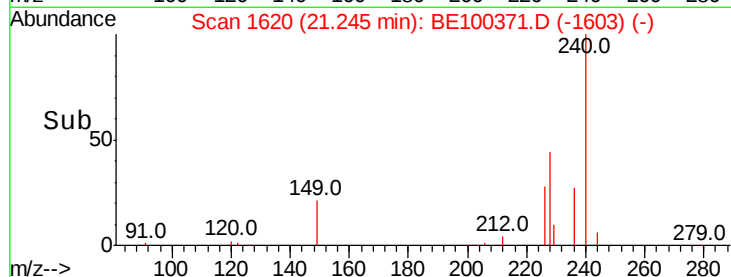
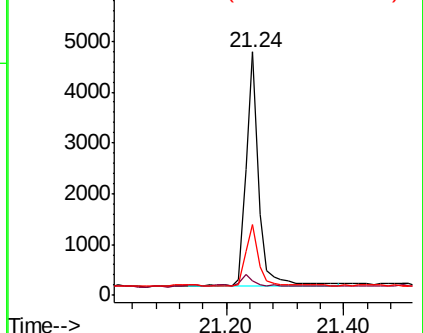
236 29.3 22.6 34.0



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: 1.069 ng

RT: 19.49 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

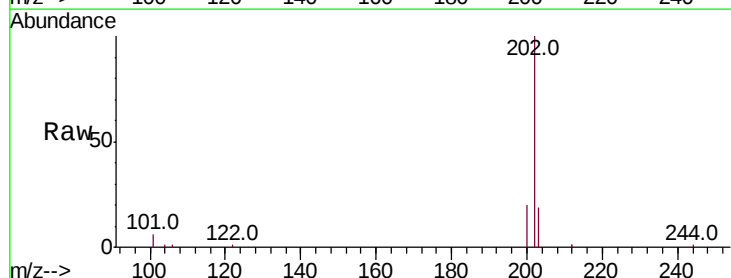
Tgt Ion:202 Resp: 19755

Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

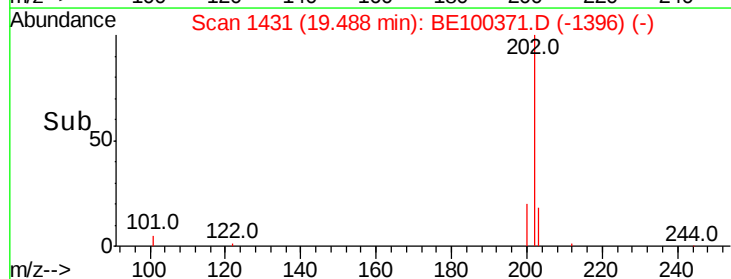
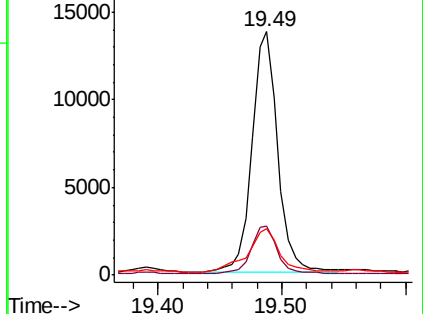
203 21.8 14.0 21.0#

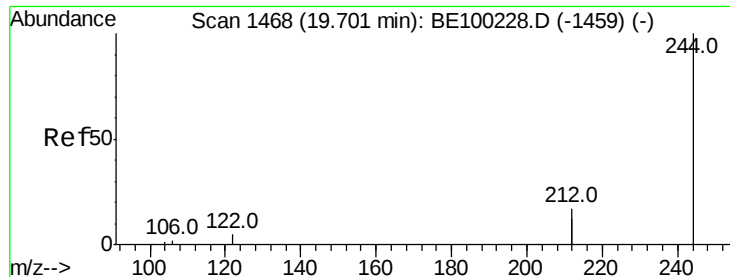


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 19.69 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

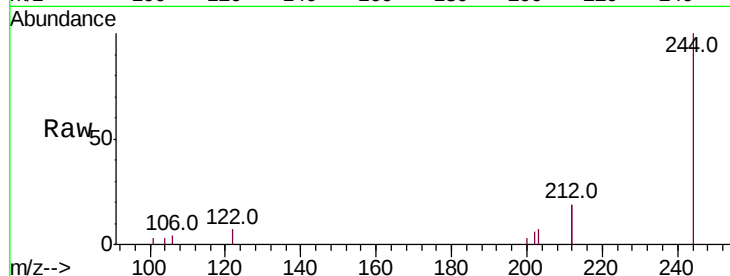
Tot Ion:244 Resp: 4291

Ion Ratio Lower Upper

244 100

212 38.8 27.3 40.9

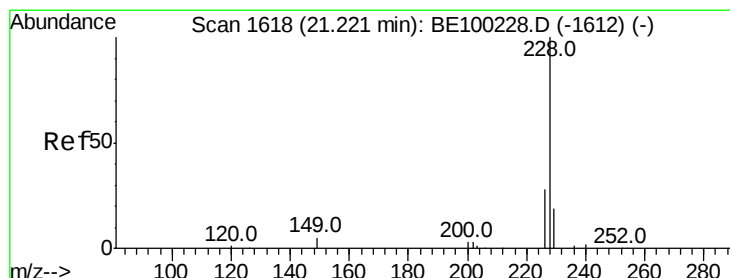
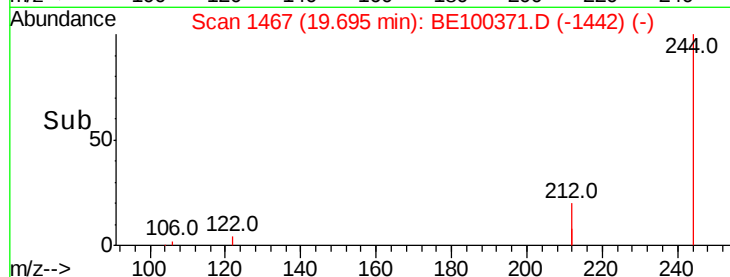
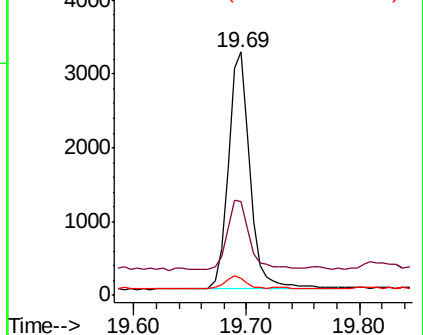
122 7.1 4.7 7.1#



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: 0.560 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

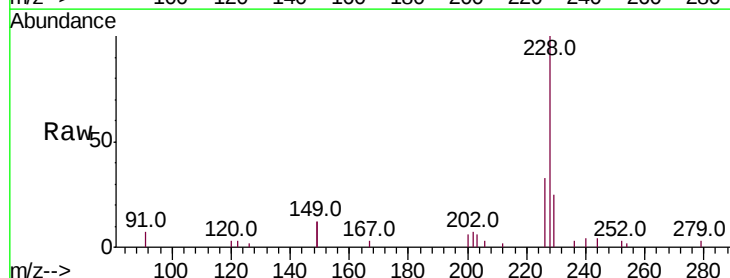
Tgt Ion:228 Resp: 12845

Ion Ratio Lower Upper

228 100

226 32.7 23.2 34.8

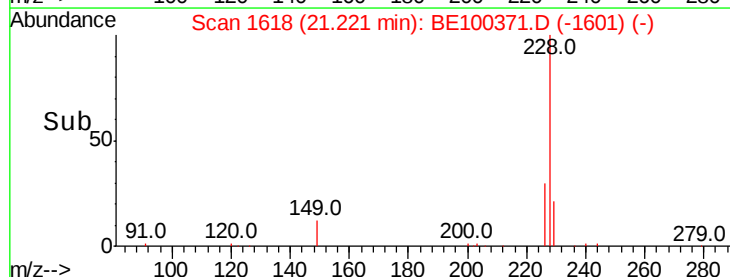
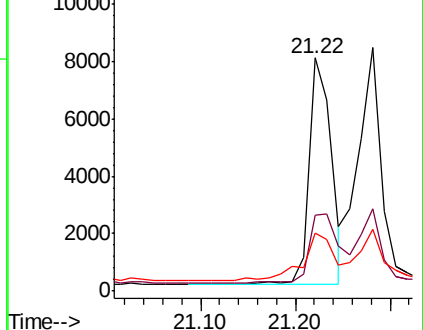
229 24.8 15.7 23.5#

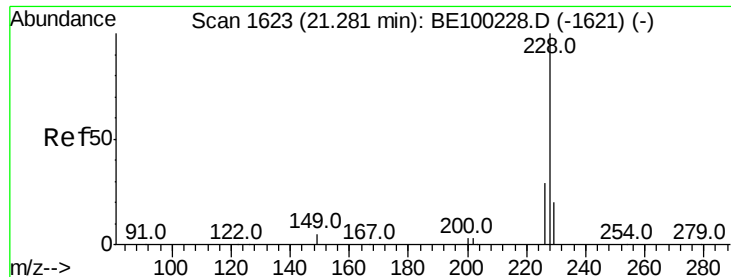


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.592 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

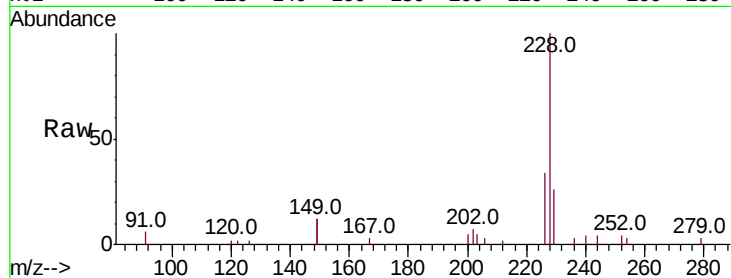
BNA_E

ClientSampleId :

EXT-011-SW138-062419

Tot Ion:228 Resp: 13643

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.9	35.9
229	25.6	16.5	24.7

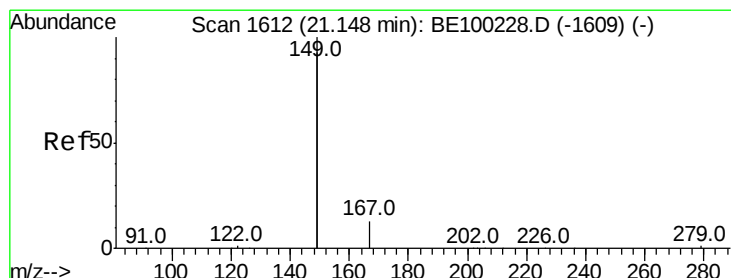
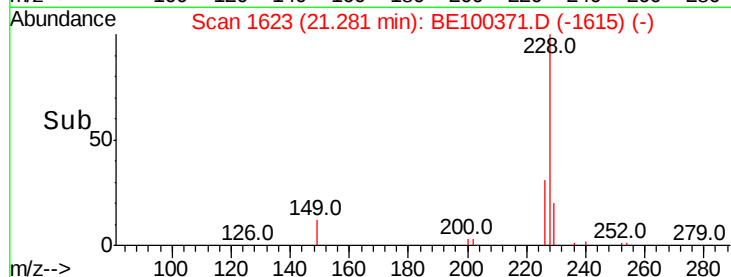
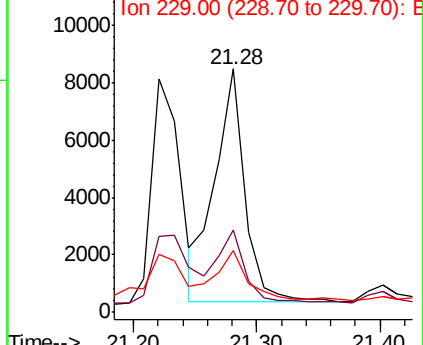


Abundance

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: 1.184 ng

RT: 21.15 min Scan# 1612

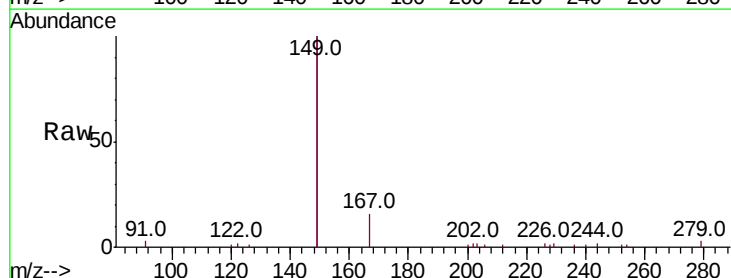
Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Tgt Ion:149 Resp: 40277

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	1.5	1.1	1.7

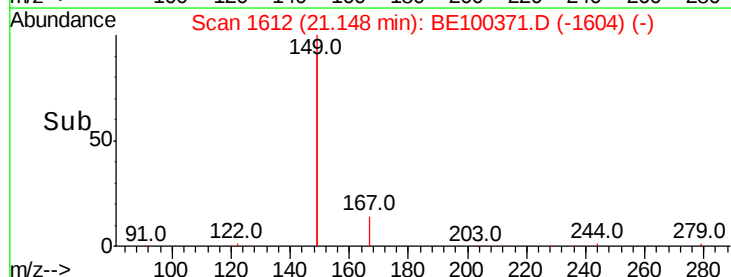
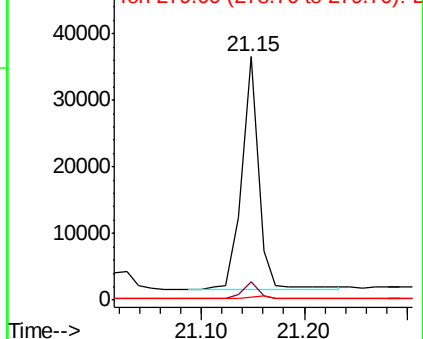


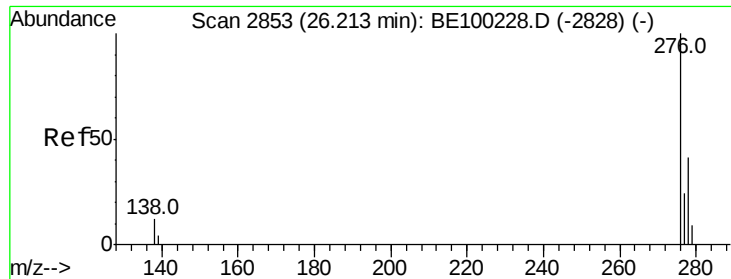
Abundance

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: 0.230 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

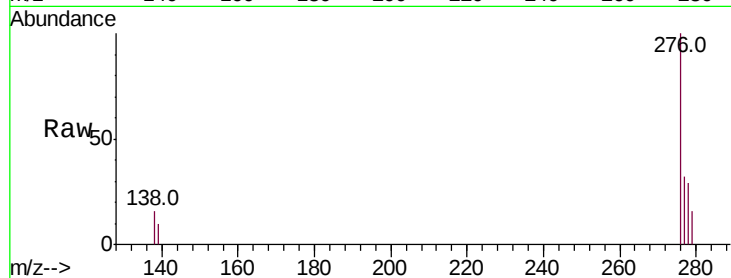
Tot Ion:276 Resp: 6996

Ion Ratio Lower Upper

276 100

138 9.9 9.4 14.0

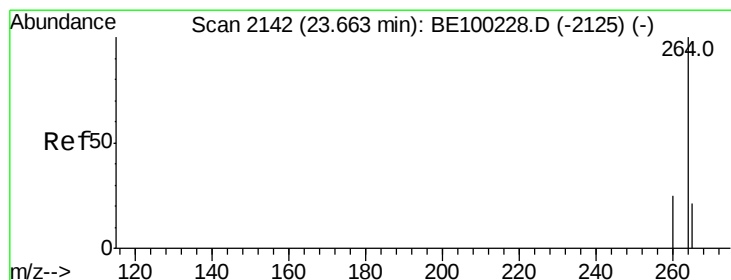
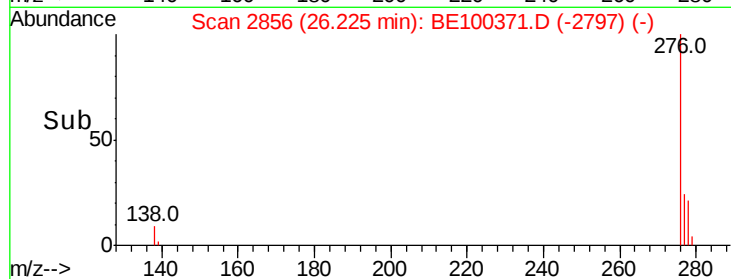
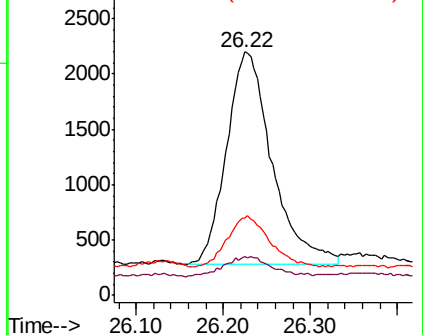
277 22.2 19.2 28.8



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: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

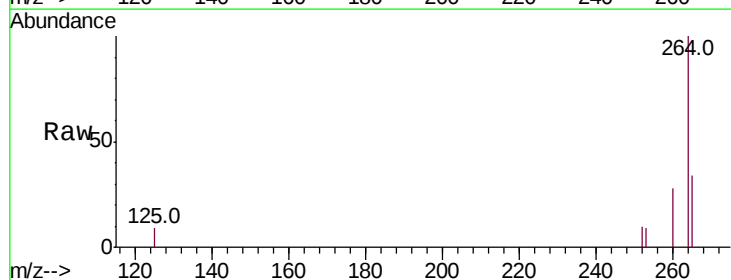
Tgt Ion:264 Resp: 8220

Ion Ratio Lower Upper

264 100

260 27.6 20.8 31.2

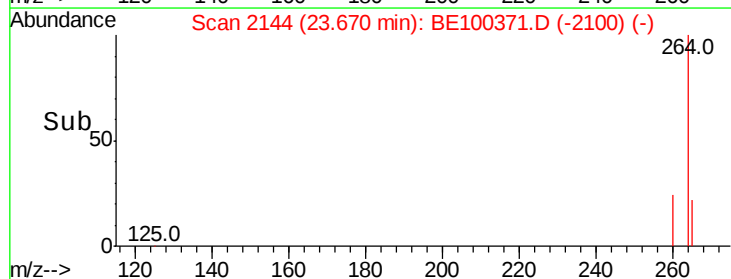
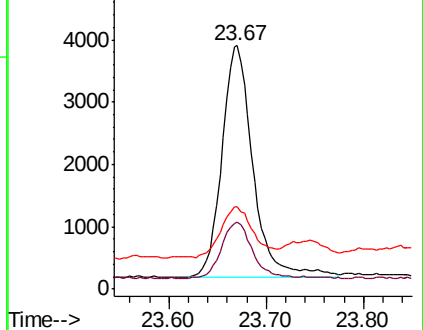
265 33.8 21.8 32.6#

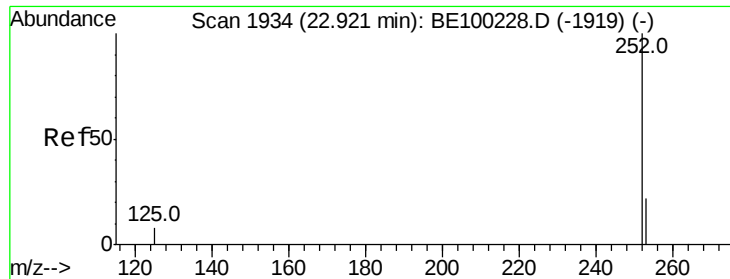


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.661 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

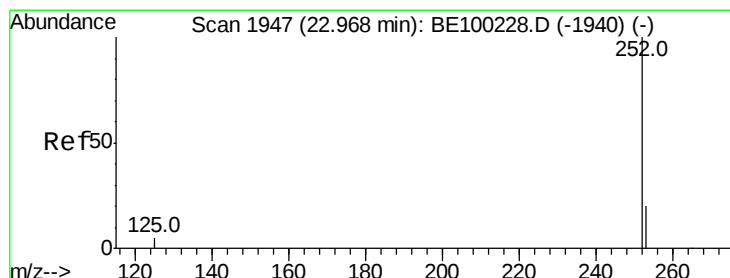
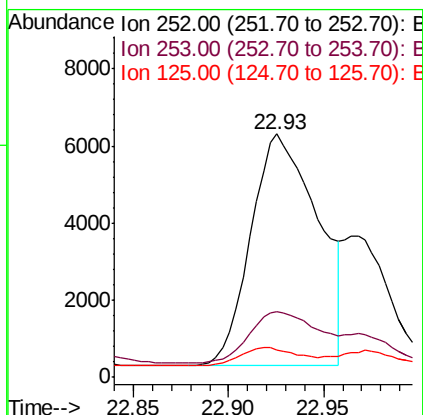
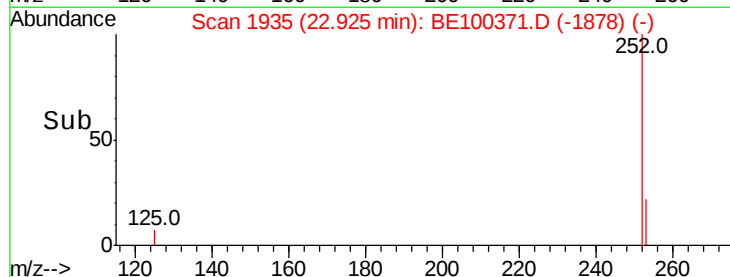
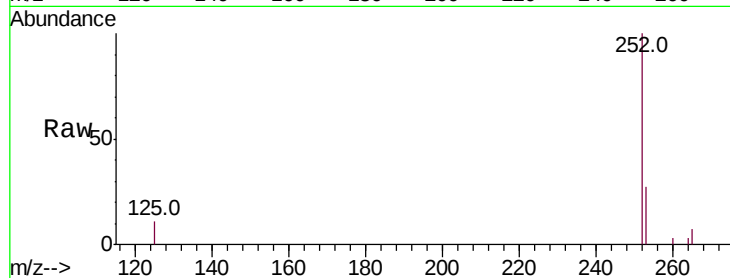
Tot Ion:252 Resp: 14732

Ion Ratio Lower Upper

252 100

253 26.7 19.2 28.8

125 11.5 7.4 11.0#



#36

Benzo(k)fluoranthene

Concen: 0.592 ng

RT: 22.93 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

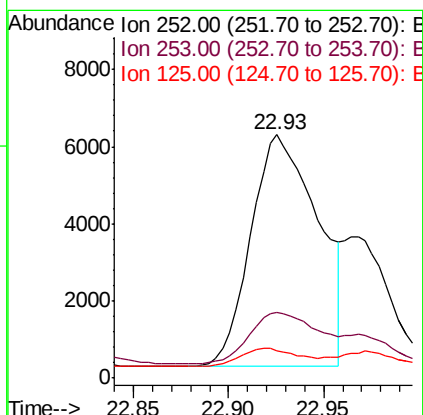
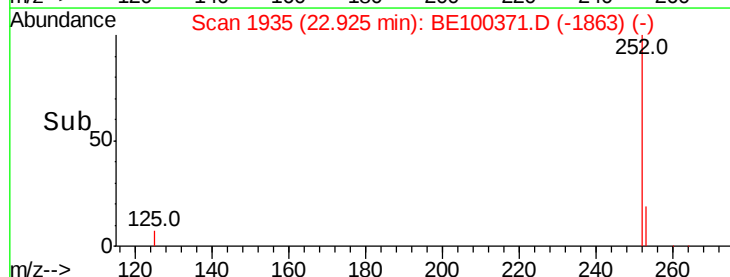
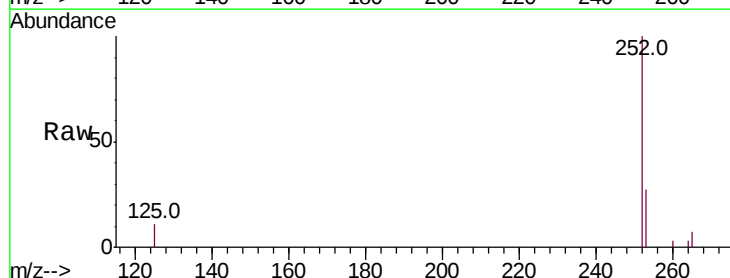
Tgt Ion:252 Resp: 14732

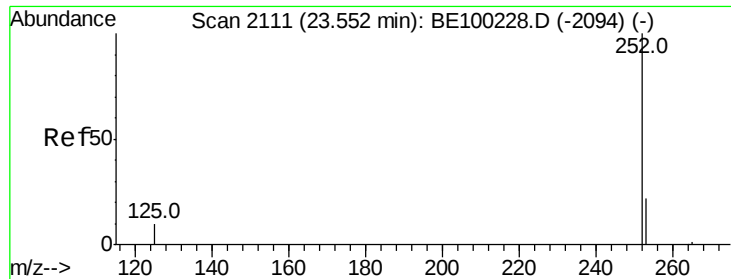
Ion Ratio Lower Upper

252 100

253 26.7 17.9 26.9

125 11.5 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.377 ng

RT: 23.45 min Scan# 2083

Delta R.T. -0.10 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

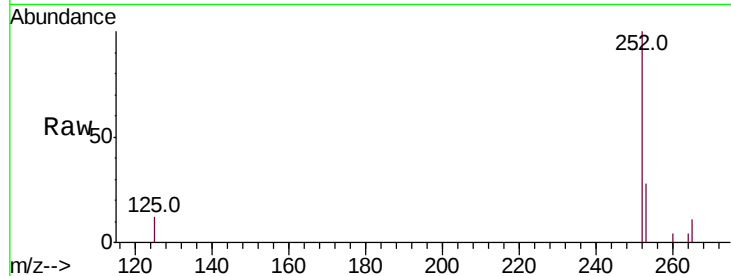
Tot Ion:252 Resp: 8411

Ion Ratio Lower Upper

252 100

253 28.3 19.6 29.4

125 12.4 9.0 13.6

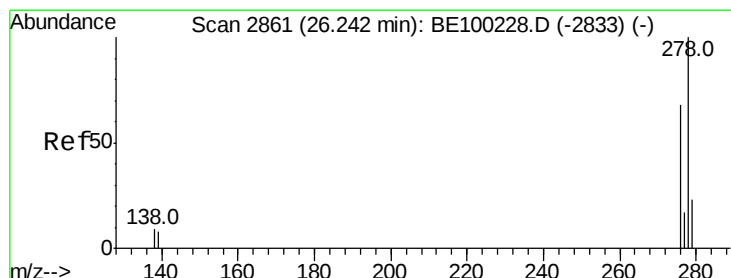
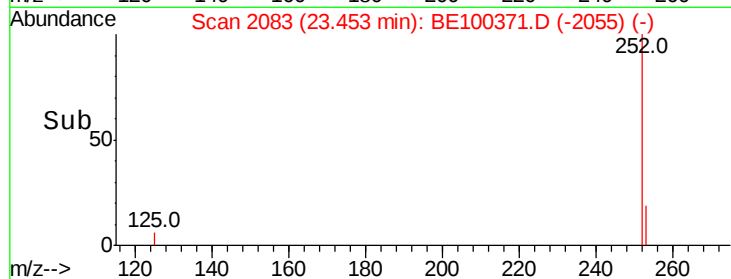
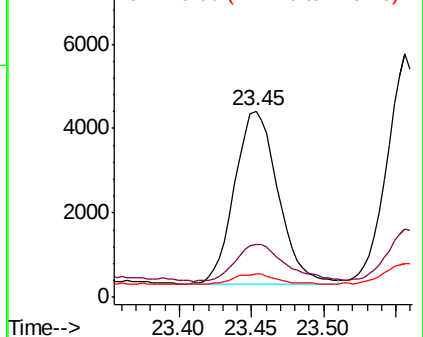


Abundance

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: 0.077 ng

RT: 26.23 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

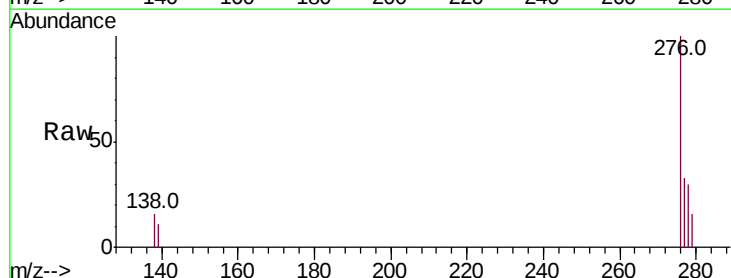
Tgt Ion:278 Resp: 1789

Ion Ratio Lower Upper

278 100

139 35.5 8.2 12.2#

279 54.1 20.3 30.5#

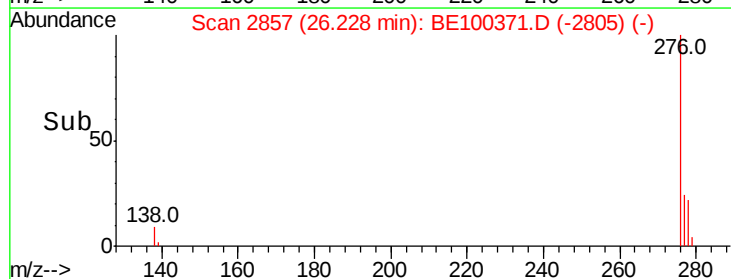
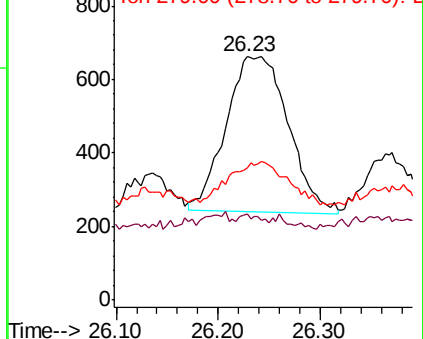


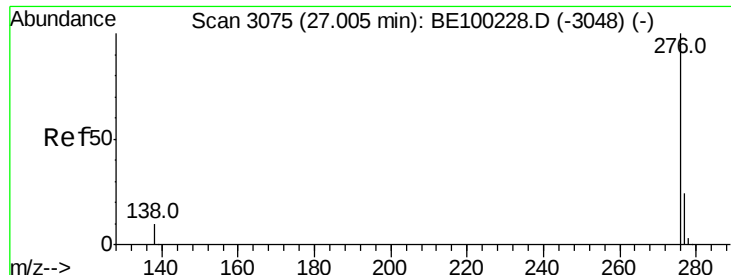
Abundance

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(a,h,i)perylene

Concen: 0.304 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.02 min

Lab File: BE100371.D

Acq: 4 Jul 2019 17:46

Instrument :

BNA_E

ClientSampleId :

EXT-011-SW138-062419

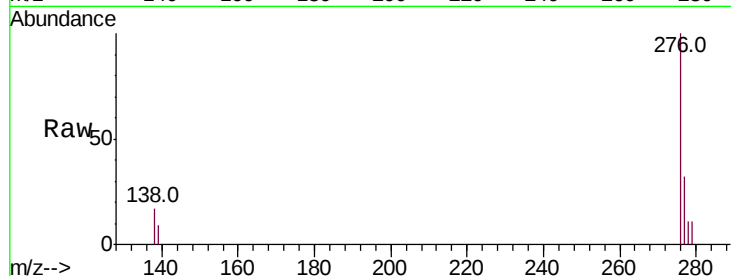
Tot Ion:276 Resp: 7282

Ion Ratio Lower Upper

276 100

277 31.9 20.2 30.2#

138 16.6 9.0 13.6#



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

