

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100255.D
 Acq On : 29 Jun 2019 3:28
 Operator : JU/SJ
 Sample : K3445-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW117-061719

Quant Time: Jun 29 04:20:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 29 00:22:29 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	884	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3348	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2652	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7412	0.40	ng	0.00
27) Chrysene-d12	21.26	240	9981	0.40	ng	0.01
34) Perylene-d12	23.69	264	12136	0.40	ng	0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	328	0.15	ng	0.00
5) Phenol-d6	6.83	99	457	0.15	ng	-0.01
8) Nitrobenzene-d5	8.81	82	483	0.15	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	258	0.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	360	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	1666	0.16	ng	-0.01
25) Fluoranthene-d10	19.10	212	3077	0.03	ng	0.00
29) Terphenyl-d14	19.70	244	4627	0.22	ng	0.00

Target Compounds

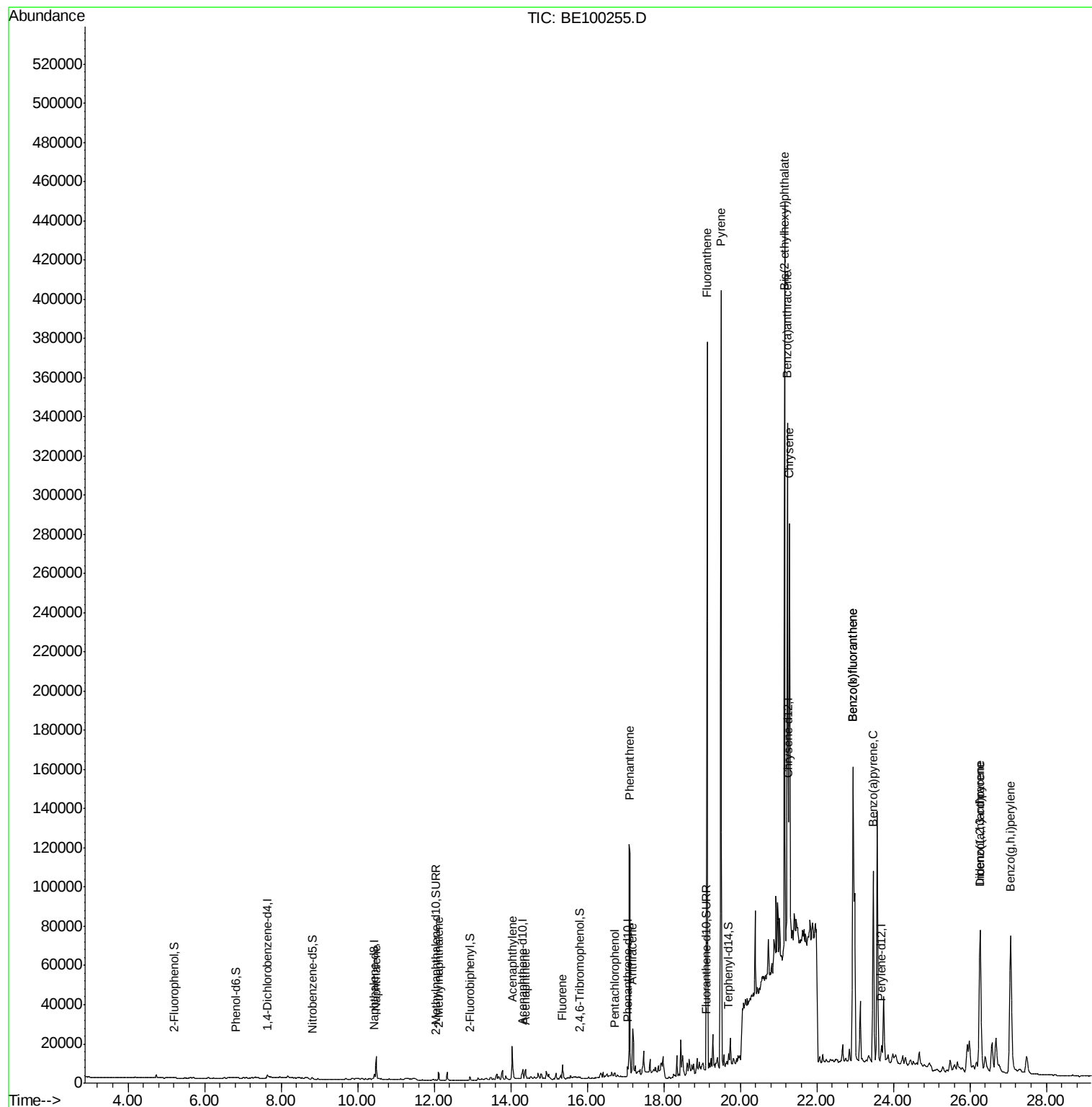
						Qvalue
9) Naphthalene	10.49	128	18698	0.506	ng	98
12) 2-Methylnaphthalene	12.11	142	3103	0.479	ng	96
16) Acenaphthylene	14.04	152	21727	1.707	ng	99
17) Acenaphthene	14.39	154	2755	0.382	ng	96
18) Fluorene	15.35	166	6227	0.584	ng	# 89
22) Pentachlorophenol	16.72	266	101	0.068	ng	89
23) Phenanthrene	17.09	178	146288	8.143	ng	100
24) Anthracene	17.19	178	29695	1.836	ng	# 96
26) Fluoranthene	19.13	202	351178	12.273	ng	98
28) Pyrene	19.49	202	358786	13.577	ng	96
30) Benzo(a)anthracene	21.23	228	227447	6.931	ng	97
31) Chrysene	21.28	228	240158	7.288	ng	94
32) Bis(2-ethylhexyl)phthalate	21.16	149	381385	8.165	ng	100
33) Indeno(1,2,3-cd)pyrene	26.27	276	150116	3.444	ng	# 97
35) Benzo(b)fluoranthene	22.94	252	289967	8.813	ng	# 98
36) Benzo(k)fluoranthene	22.94	252	289967	7.895	ng	97
37) Benzo(a)pyrene	23.47	252	157449	4.774	ng	98
38) Dibenzo(a,h)anthracene	26.28	278	39128	1.136	ng	# 84
39) Benzo(g,h,i)perylene	27.07	276	192722	5.447	ng	98

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

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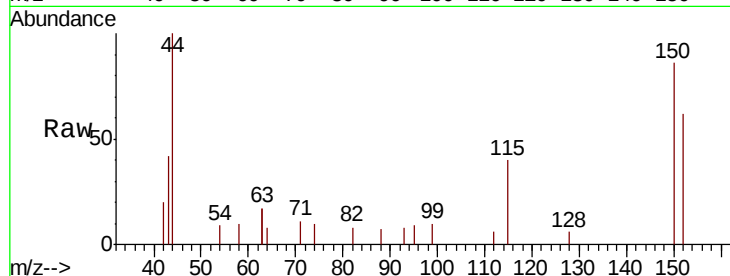


#1

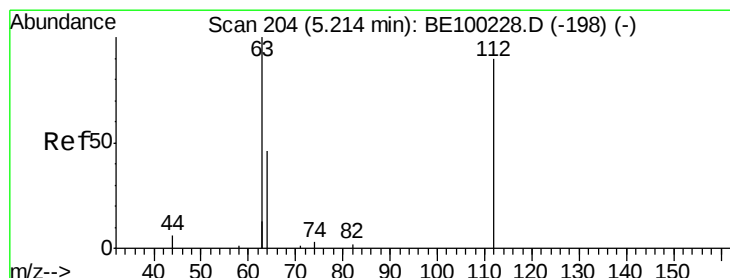
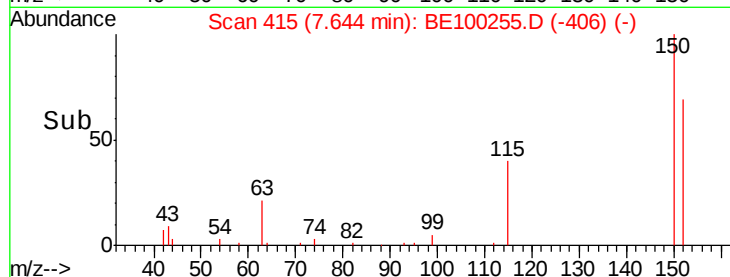
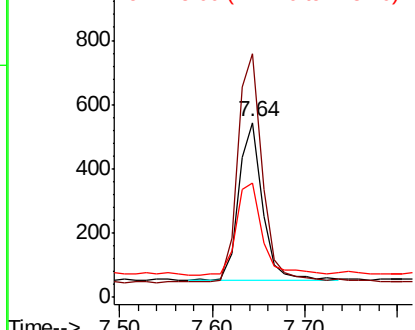
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:152 Resp: 884
Ion Ratio Lower Upper
152 100
150 139.1 114.5 171.7
115 65.3 57.1 85.7



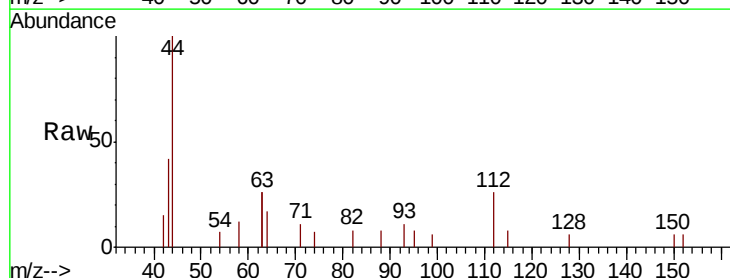
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



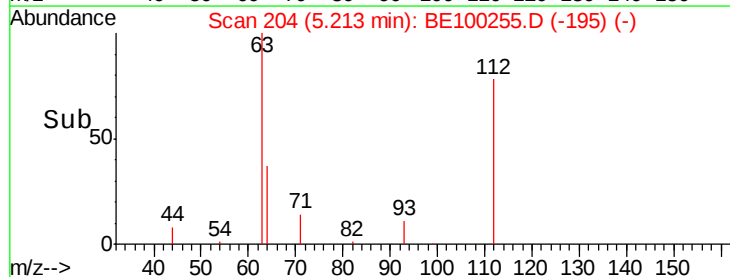
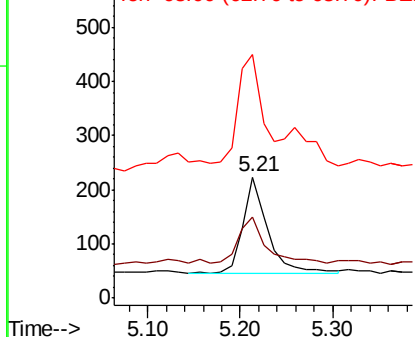
#4

2-Fluorophenol
Concen: 0.145 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:112 Resp: 328
Ion Ratio Lower Upper
112 100
64 52.7 39.4 59.0
63 118.0 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.154 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

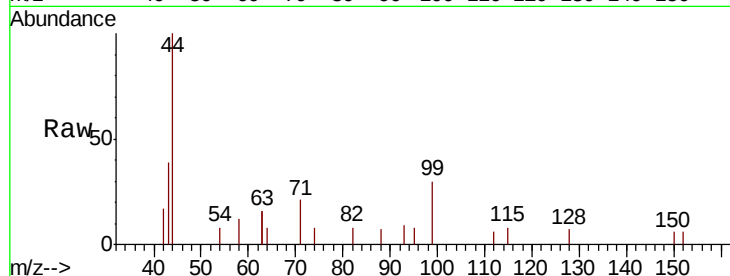
Tgt Ion: 99 Resp: 457

Ion Ratio Lower Upper

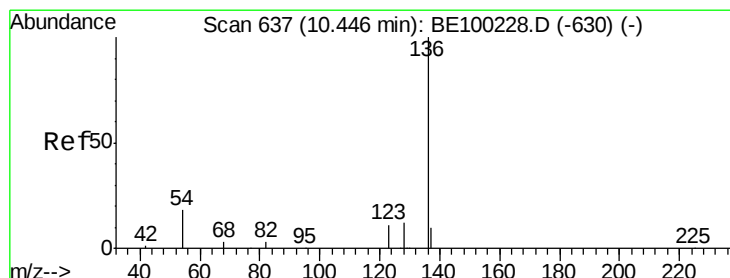
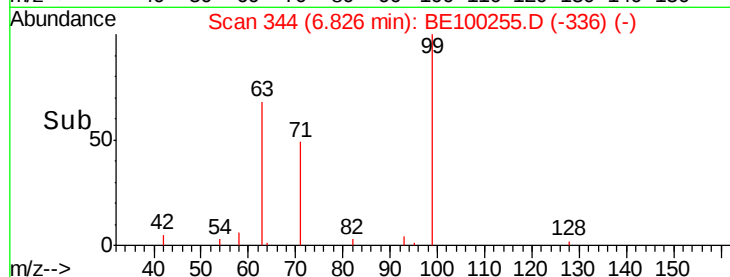
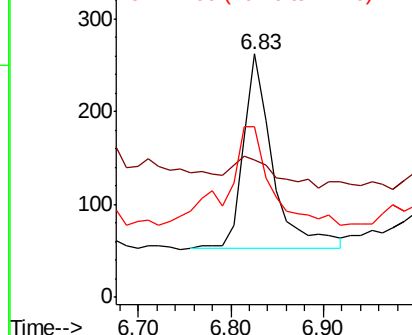
99 100

42 22.3 11.2 16.8#

71 69.1 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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Tgt Ion: 136 Resp: 3348

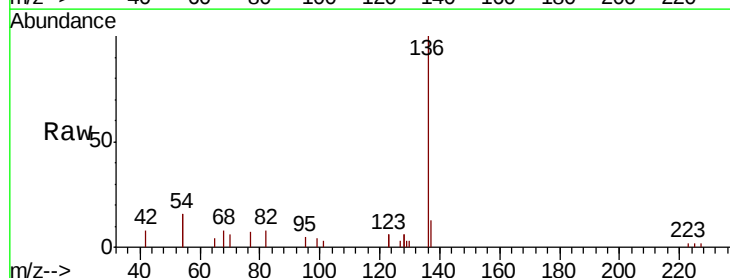
Ion Ratio Lower Upper

136 100

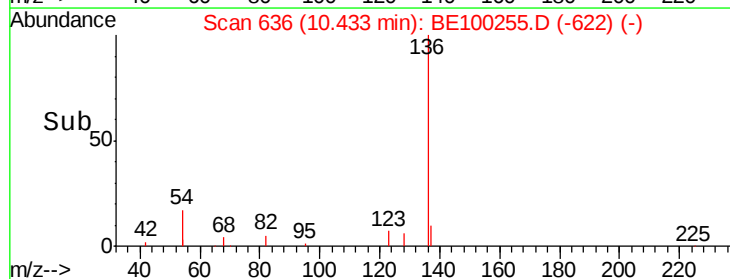
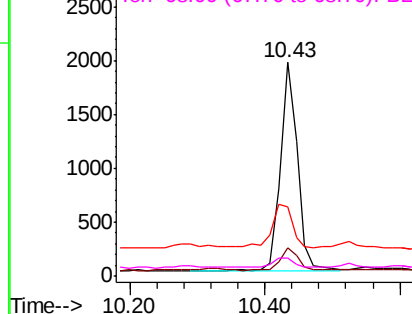
137 13.0 11.8 17.8

54 32.4 27.7 41.5

68 8.4 6.8 10.2



Abundance Ion 136.00 (135.70 to 136.70): BE1
Ion 137.00 (136.70 to 137.70): BE1
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.145 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

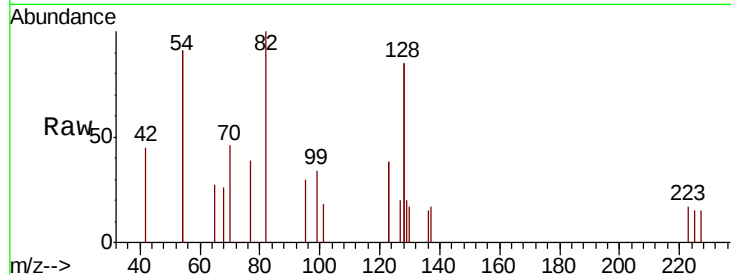
Tgt Ion: 82 Resp: 483

Ion Ratio Lower Upper

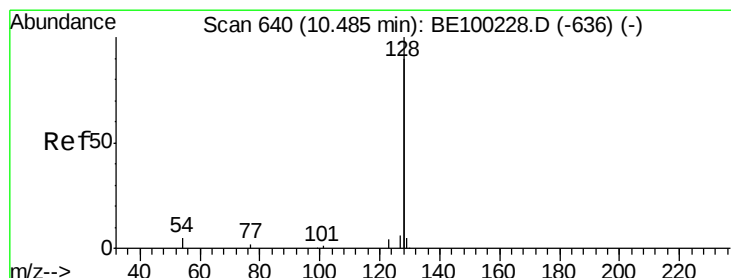
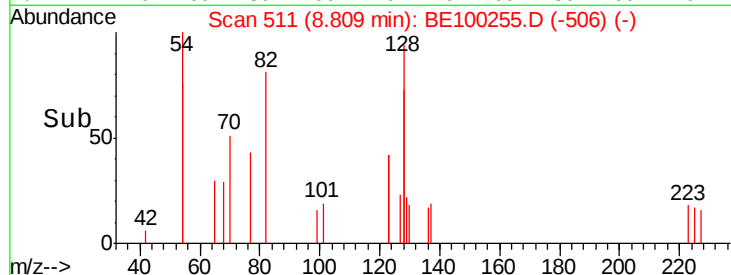
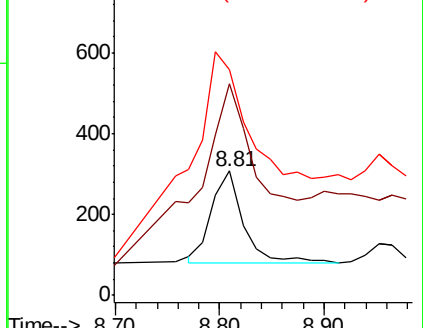
82 100

128 170.1 140.9 211.3

54 181.2 146.2 219.2



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: 0.506 ng

RT: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

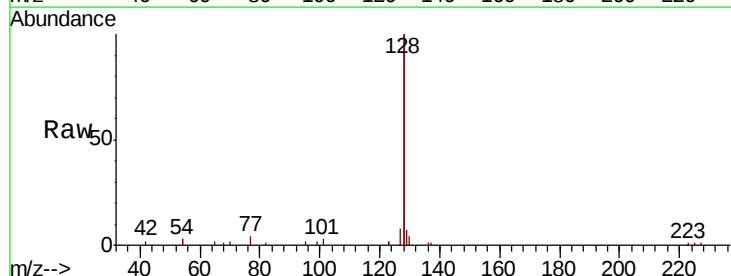
Tgt Ion: 128 Resp: 18698

Ion Ratio Lower Upper

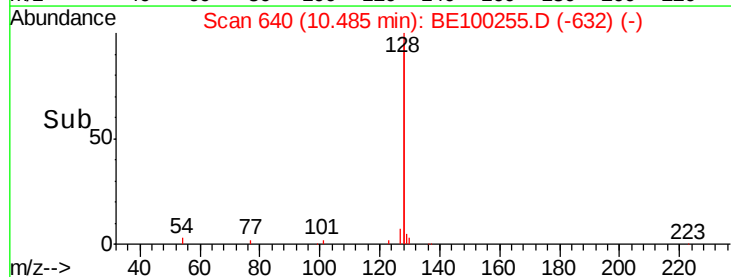
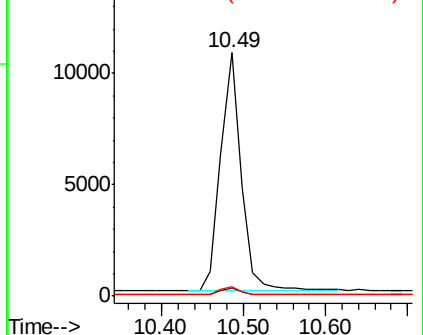
128 100

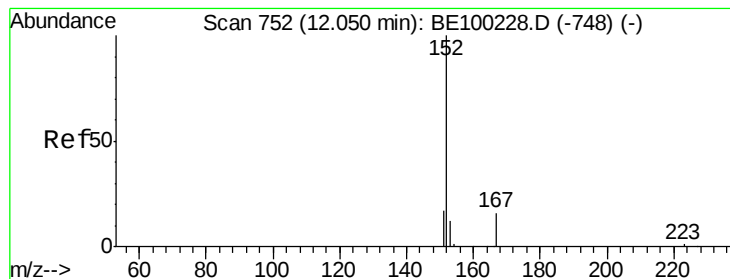
129 3.3 3.0 4.6

127 3.8 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





#11

2-Methylnaphthalene-d10

Concen: 0.041 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

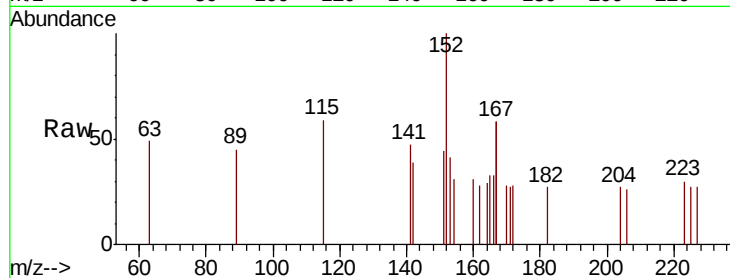
EXT-008-SW117-061719

Tgt Ion:152 Resp: 258

Ion Ratio Lower Upper

152 100

151 22.9 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

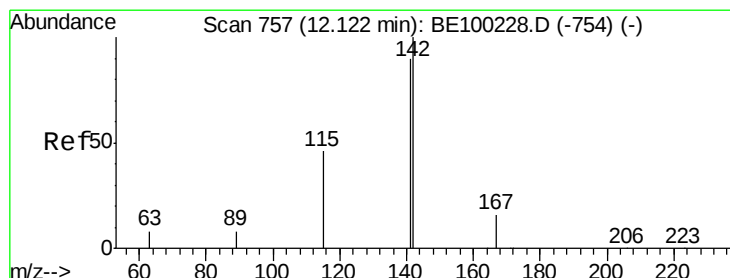
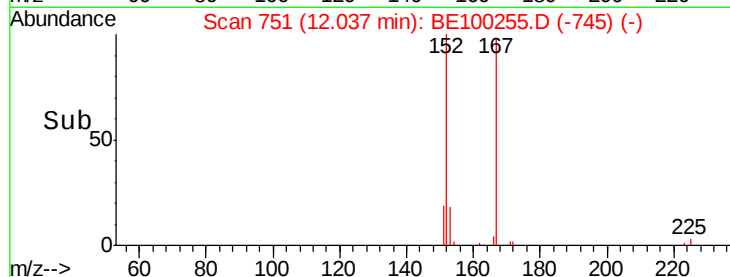
150

100

50

0

Time--> 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.479 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

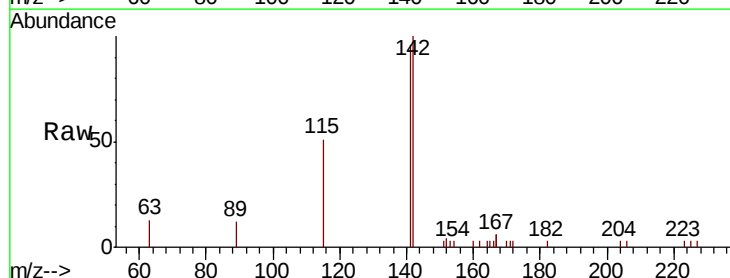
Tgt Ion:142 Resp: 3103

Ion Ratio Lower Upper

142 100

141 95.8 72.4 108.6

115 50.9 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

12.11

2000

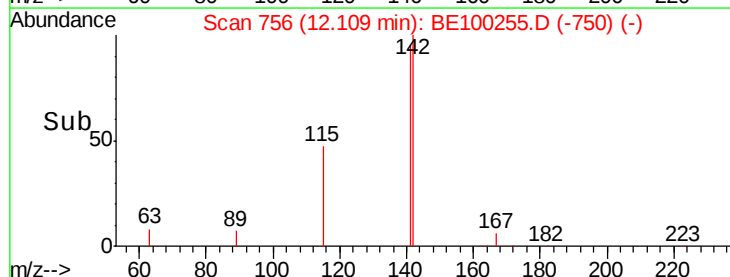
1500

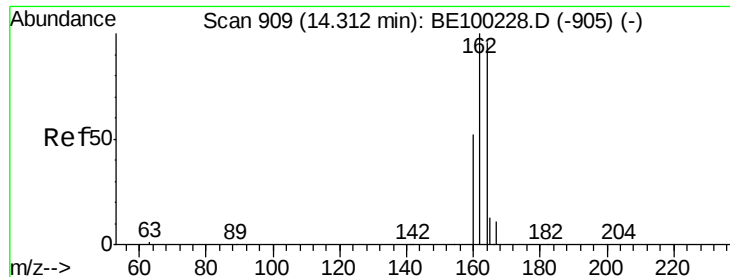
1000

500

0

Time--> 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

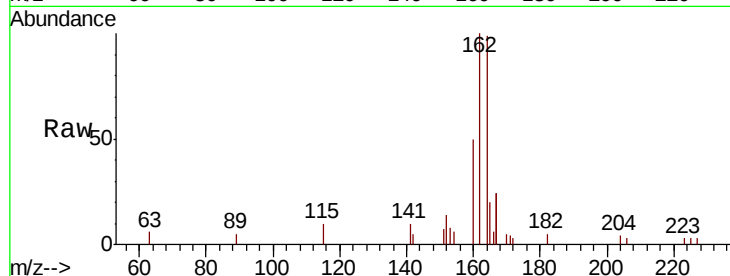
Tgt Ion:164 Resp: 2652

Ion Ratio Lower Upper

164 100

162 100.9 83.4 125.0

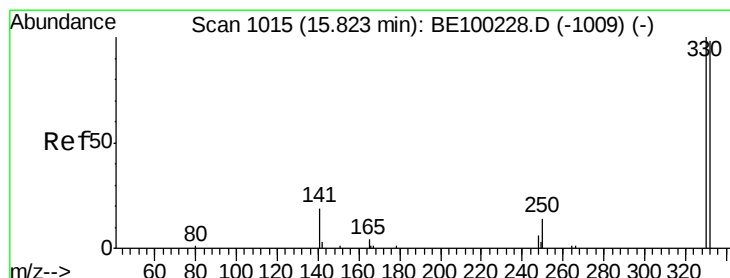
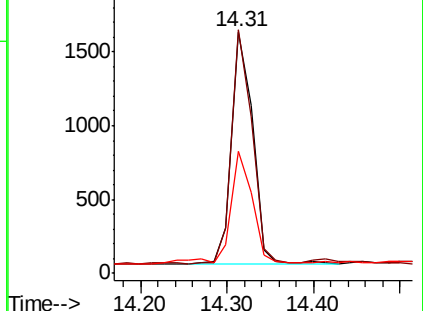
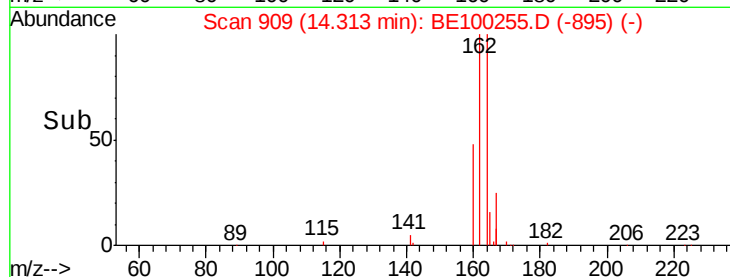
160 50.4 45.0 67.6



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: 0.194 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

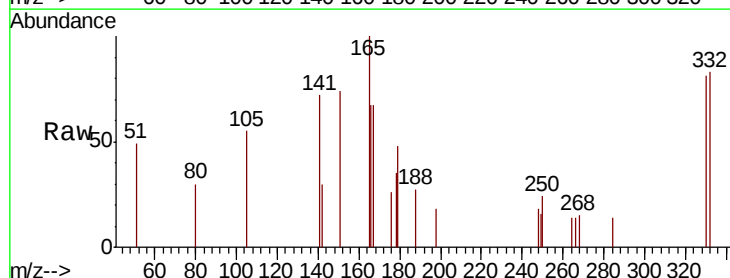
Tgt Ion:330 Resp: 360

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.4

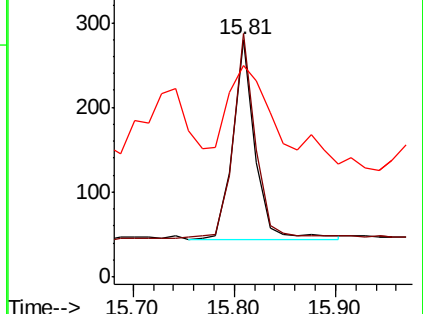
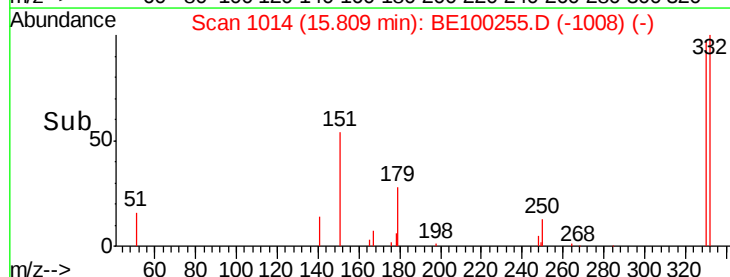
141 125.0 22.0 33.0#



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

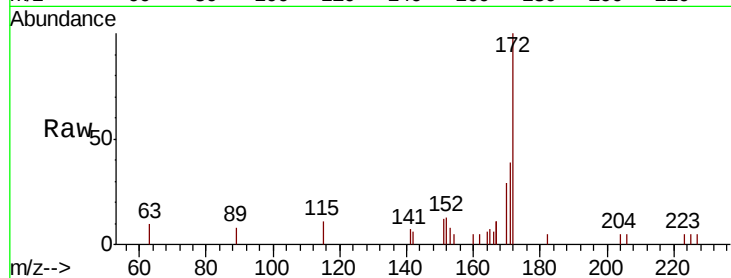




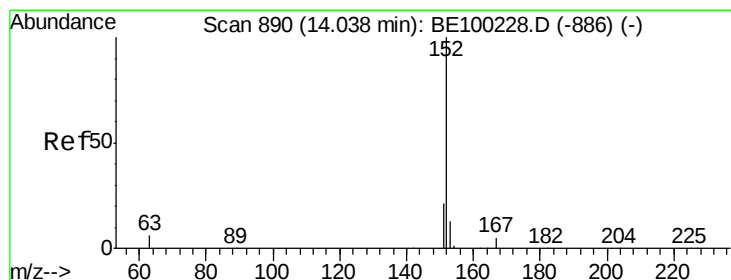
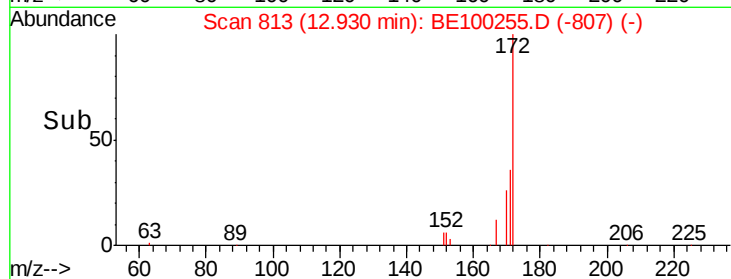
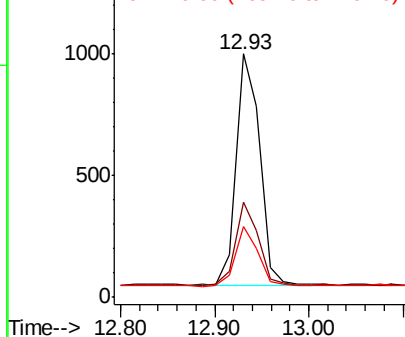
#15
2-Fluorobiphenyl
Concen: 0.161 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719

Tgt Ion:172 Resp: 1666
Ion Ratio Lower Upper
172 100
171 38.8 31.9 47.9
170 29.3 22.2 33.2

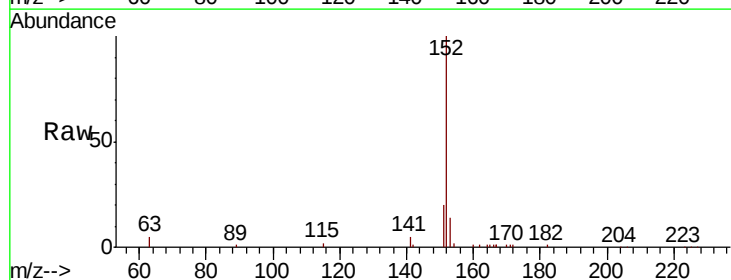


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

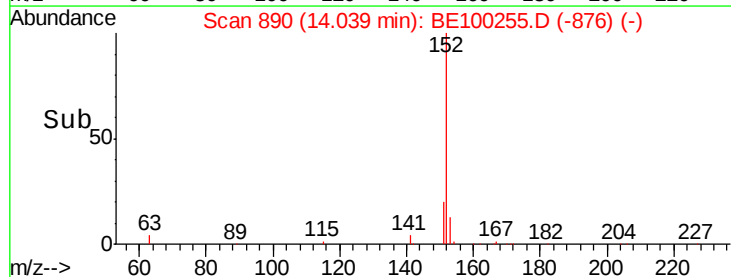
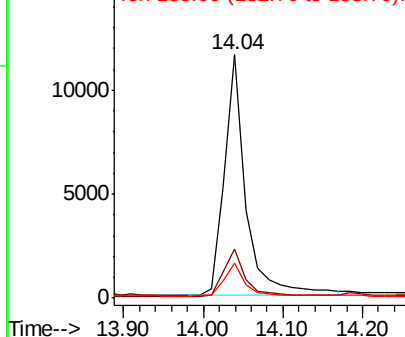


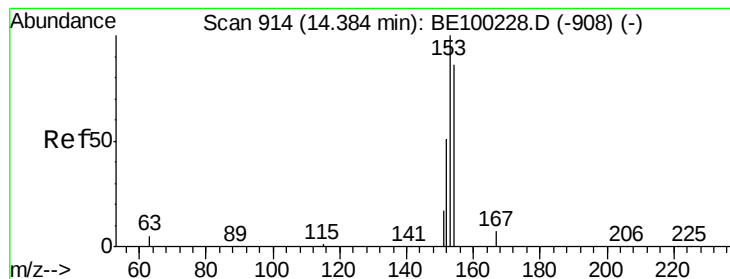
#16
Acenaphthylene
Concen: 1.707 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100255.D
Acq: 29 Jun 2019 3:28

Tgt Ion:152 Resp: 21727
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 13.5 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: 0.382 ng

RT: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

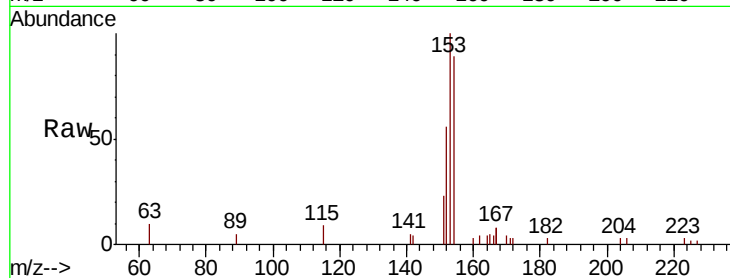
Tgt Ion:154 Resp: 2755

Ion Ratio Lower Upper

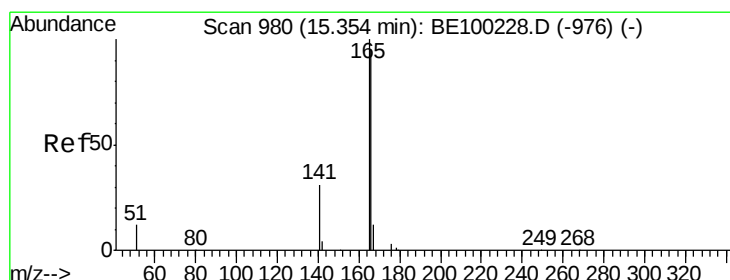
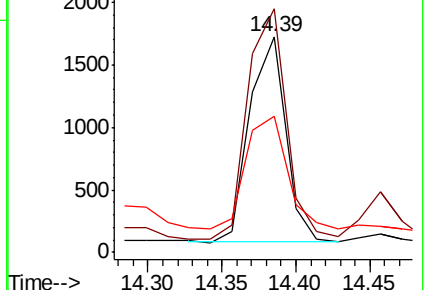
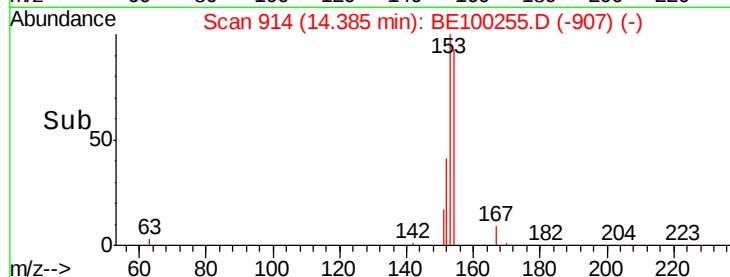
154 100

153 121.5 93.4 140.2

152 63.8 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: 0.584 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

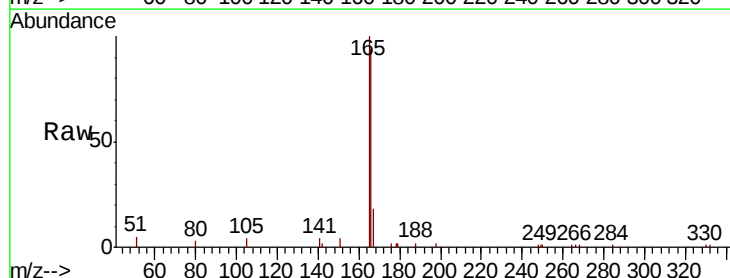
Tgt Ion:166 Resp: 6227

Ion Ratio Lower Upper

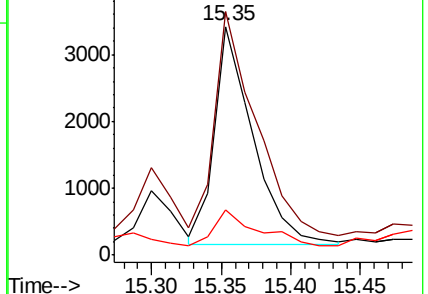
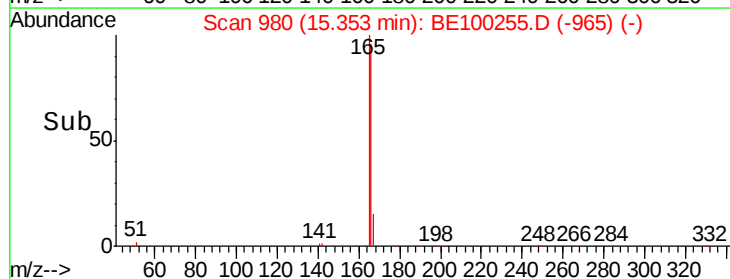
166 100

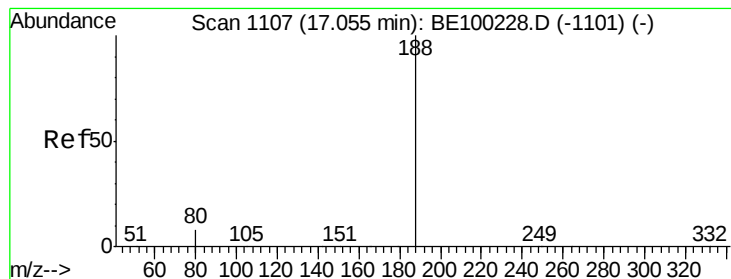
165 112.4 81.1 121.7

167 19.1 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: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

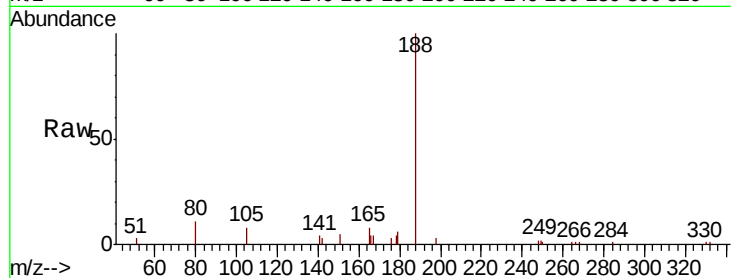
Tgt Ion:188 Resp: 7412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

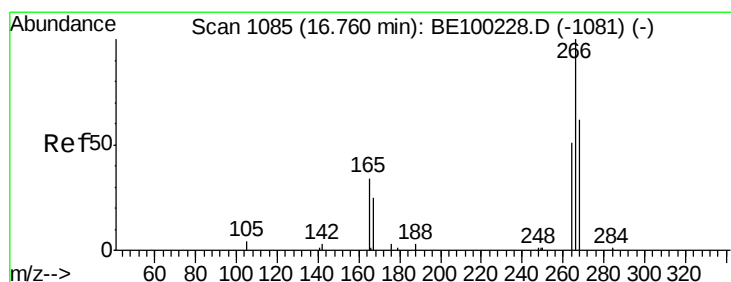
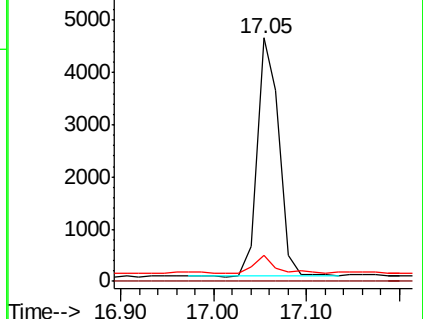
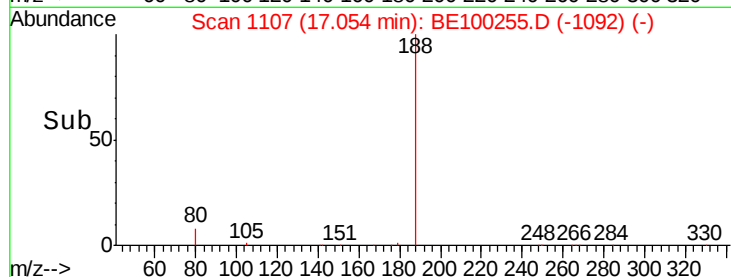
80 10.8 7.6 11.4



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



#22

Pentachlorophenol

Concen: 0.068 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

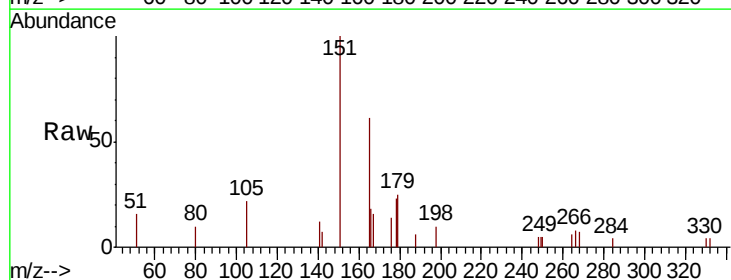
Tgt Ion:266 Resp: 101

Ion Ratio Lower Upper

266 100

264 81.1 56.2 84.2

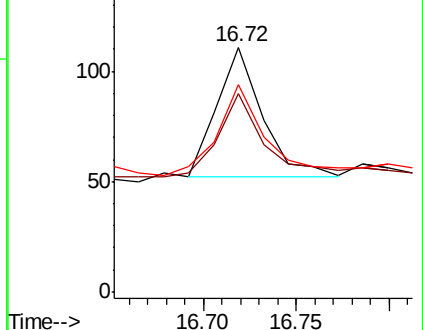
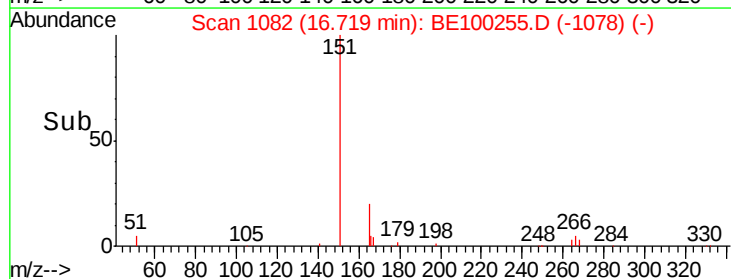
268 84.7 61.8 92.6

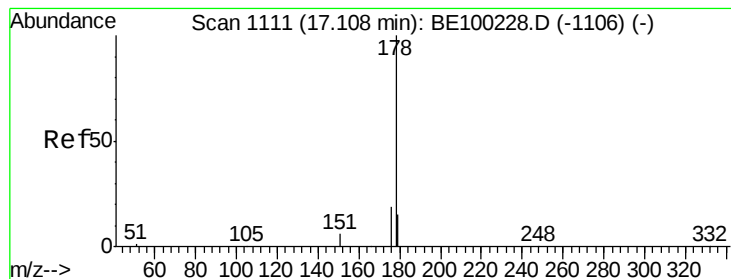


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 8.143 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

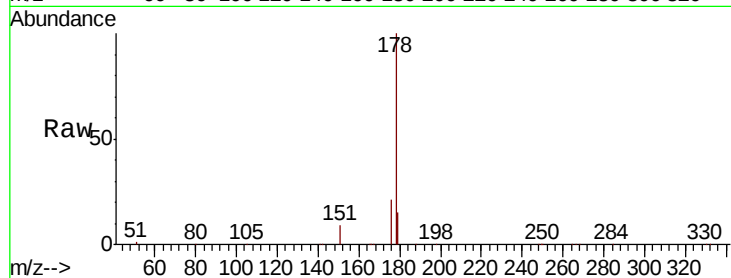
Tgt Ion:178 Resp: 146288

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

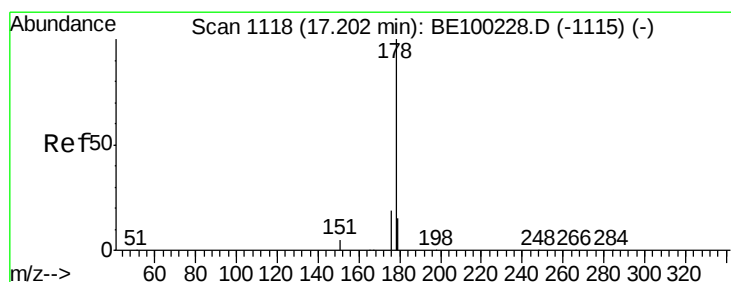
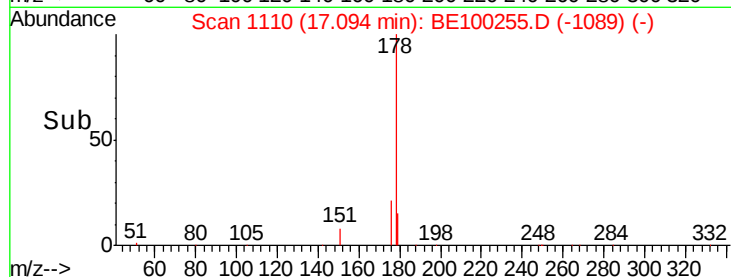
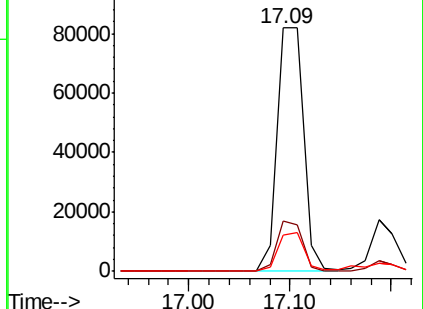
179 15.5 12.2 18.2



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: 1.836 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

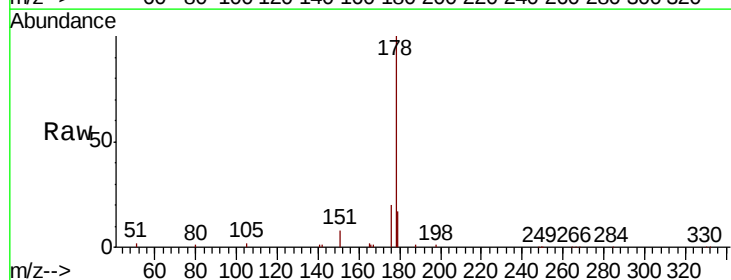
Tgt Ion:178 Resp: 29695

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

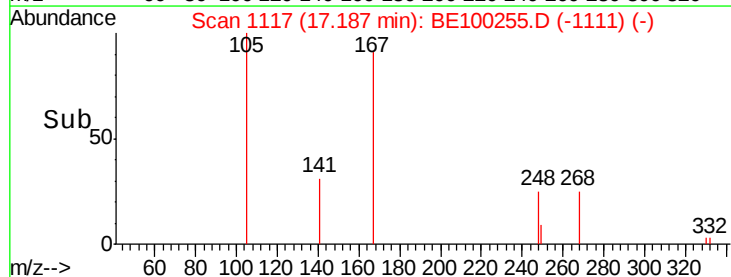
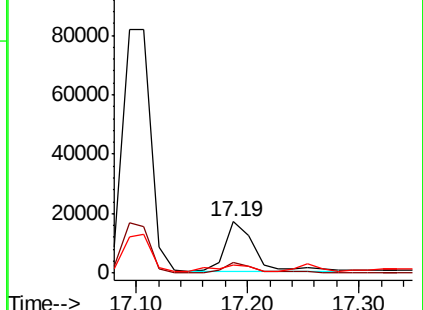
179 19.1 12.2 18.2#

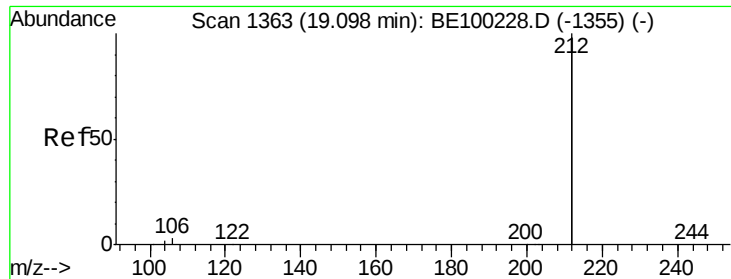


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.029 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

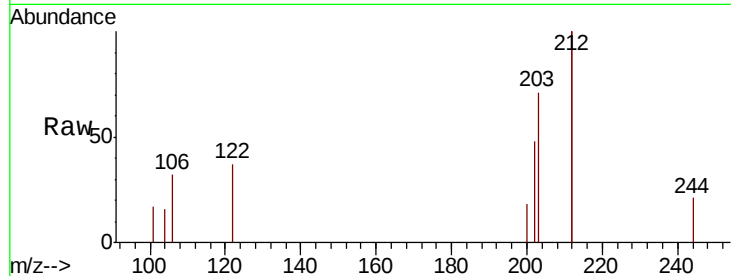
Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

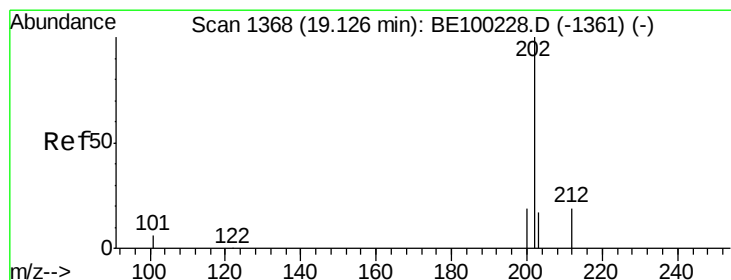
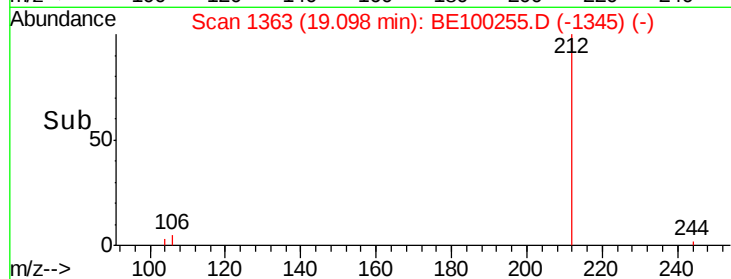
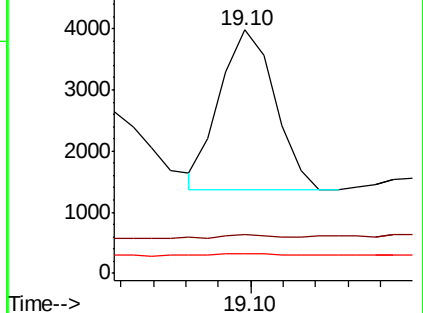
Tgt Ion:	212	Resp:	3077
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.3	1.9
104	1.4	0.8	1.2#



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: 12.273 ng

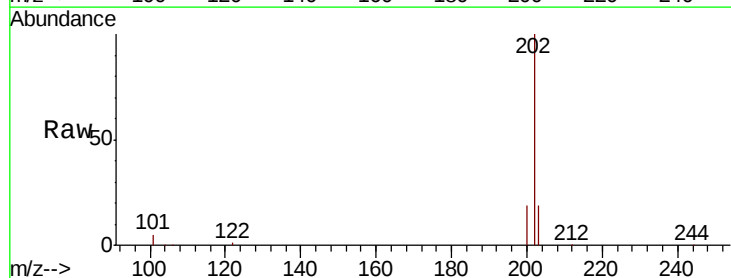
RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

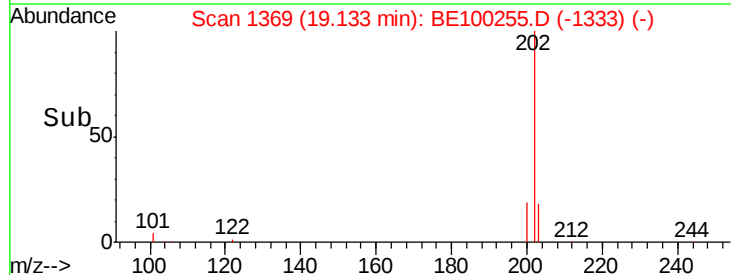
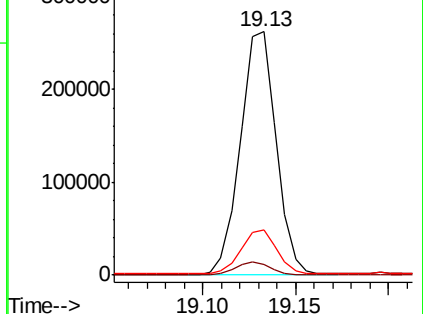
Tgt Ion:	202	Resp:	351178
Ion Ratio	Lower	Upper	
202	100		
101	5.3	4.6	7.0
203	17.9	13.7	20.5

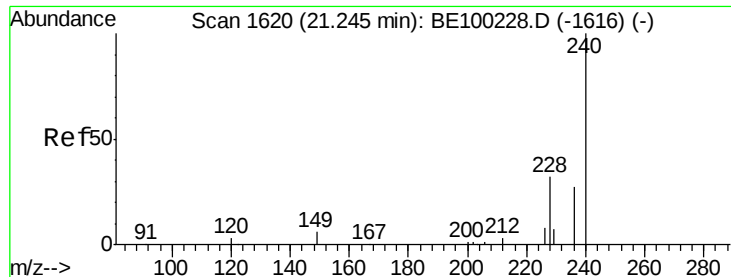


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.26 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

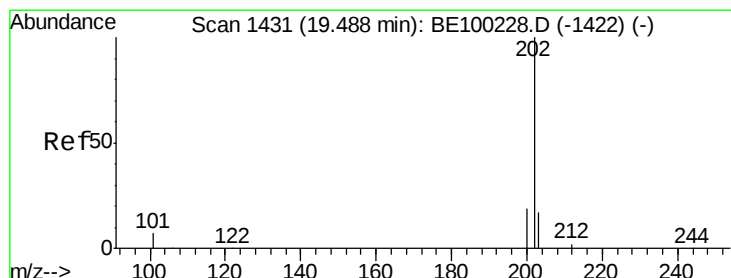
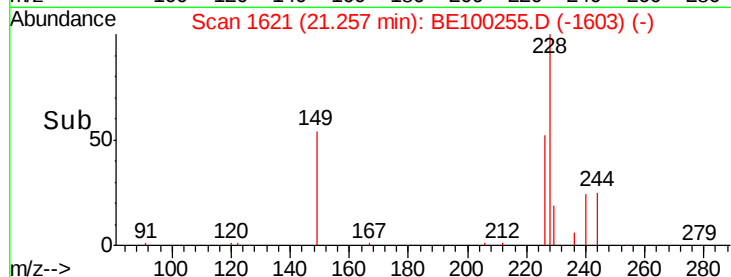
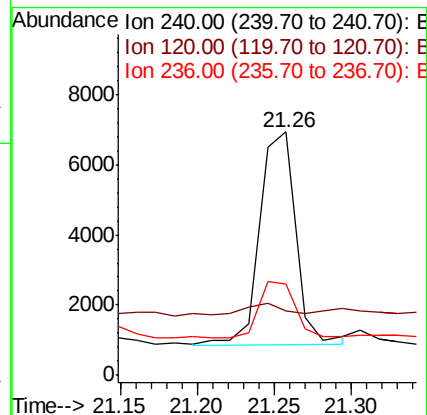
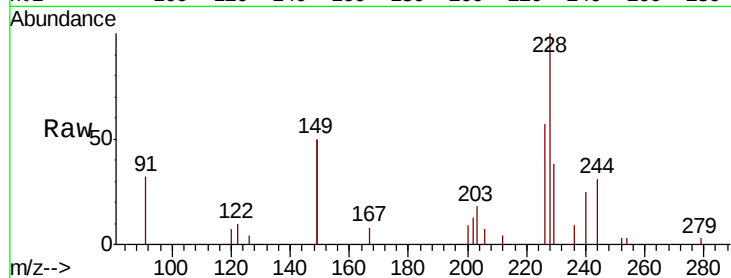
Tgt Ion:240 Resp: 9981

Ion Ratio Lower Upper

240 100

120 26.4 3.3 4.9#

236 37.7 22.6 34.0#



#28

Pyrene

Concen: 13.577 ng

RT: 19.49 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

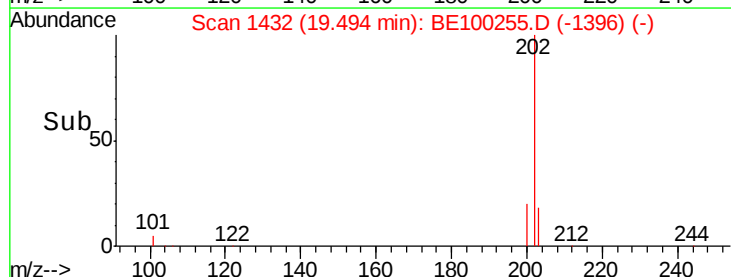
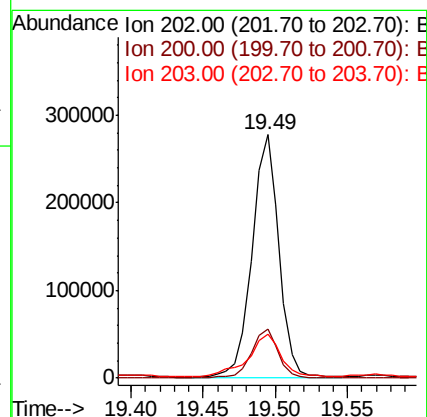
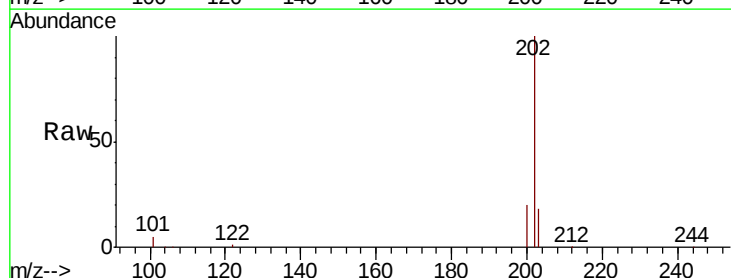
Tgt Ion:202 Resp: 358786

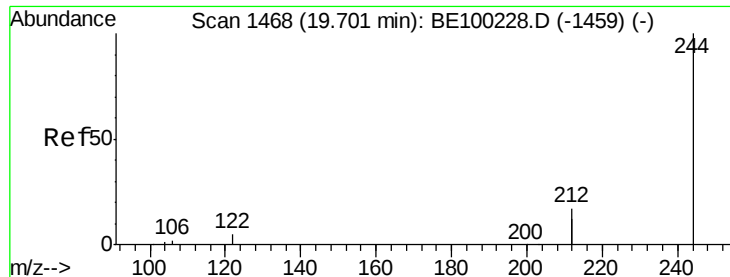
Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

203 21.0 14.0 21.0





#29

Terphenyl-d14

Concen: 0.224 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

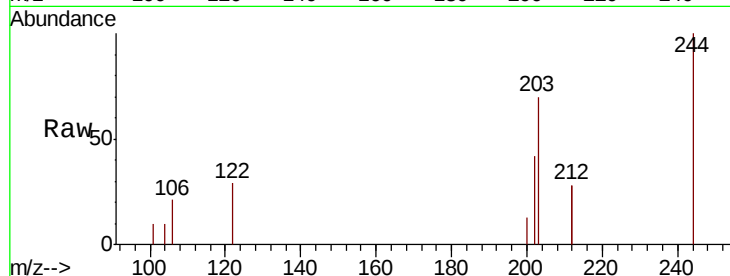
Tgt Ion:244 Resp: 4627

Ion Ratio Lower Upper

244 100

212 56.9 27.3 40.9#

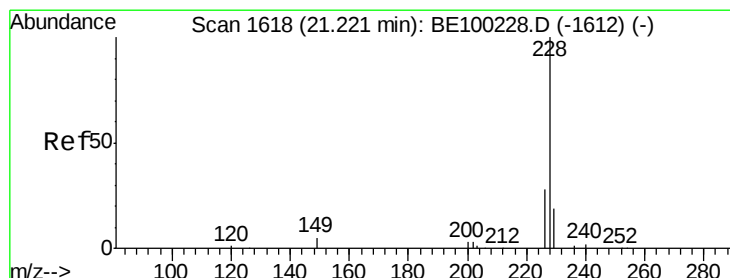
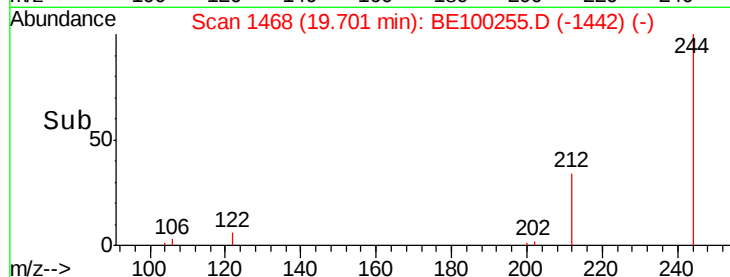
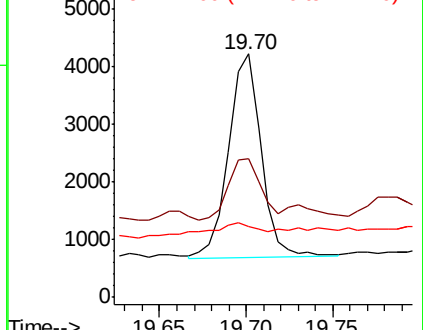
122 29.3 4.7 7.1#



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: 6.931 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

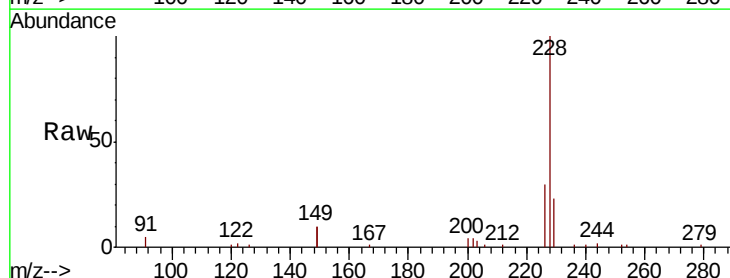
Tgt Ion:228 Resp: 227447

Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

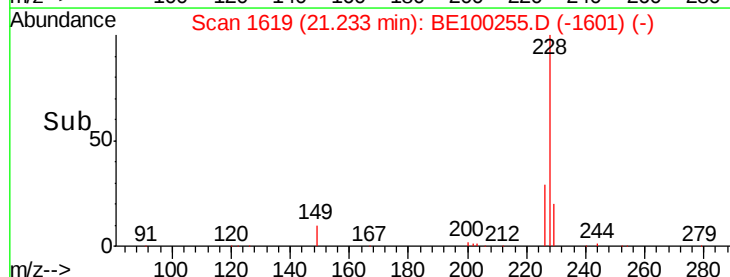
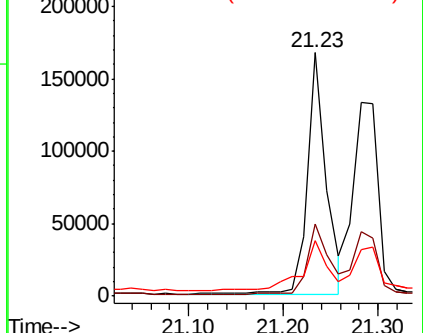
229 22.7 15.7 23.5

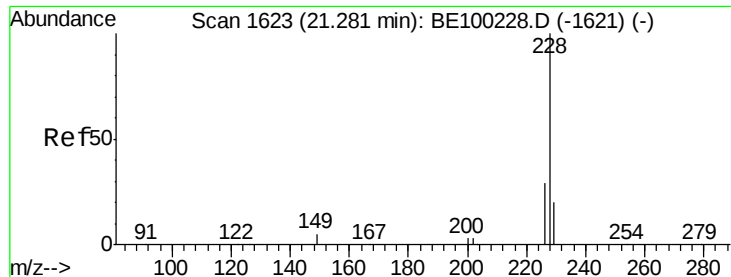


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 7.288 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

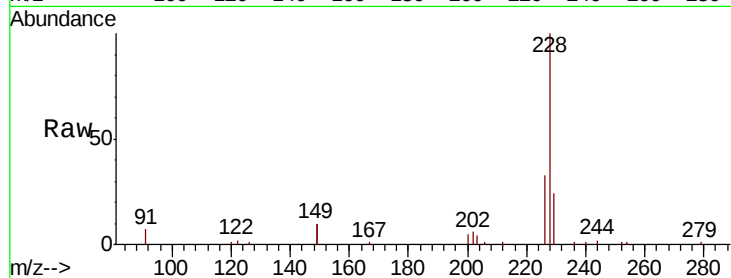
Tgt Ion: 228 Resp: 240158

Ion Ratio Lower Upper

228 100

226 33.2 23.9 35.9

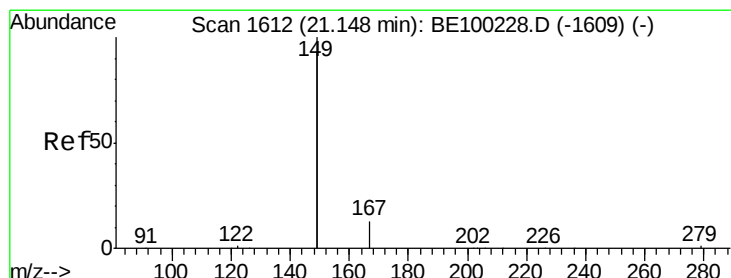
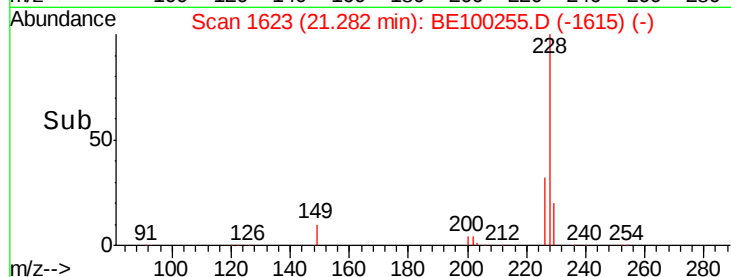
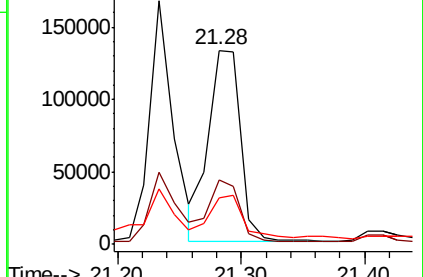
229 23.8 16.5 24.7



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: 8.165 ng

RT: 21.16 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

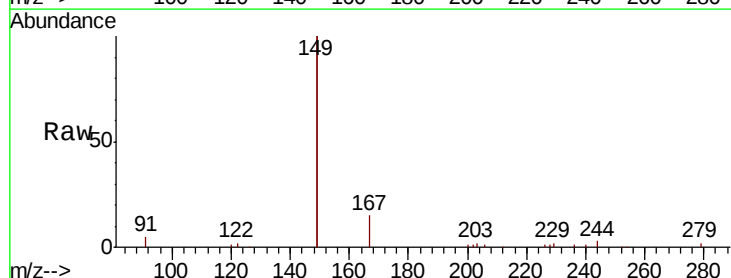
Tgt Ion: 149 Resp: 381385

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.8

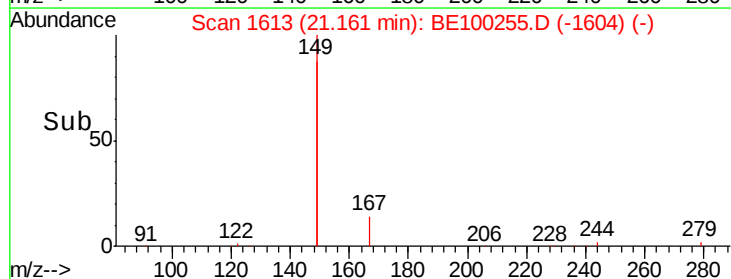
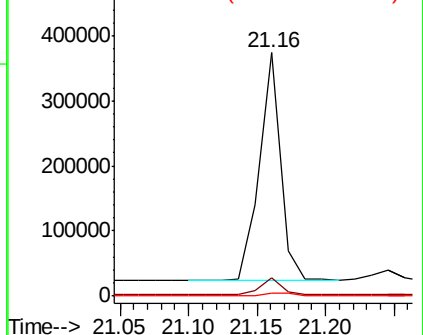
279 1.6 1.1 1.7

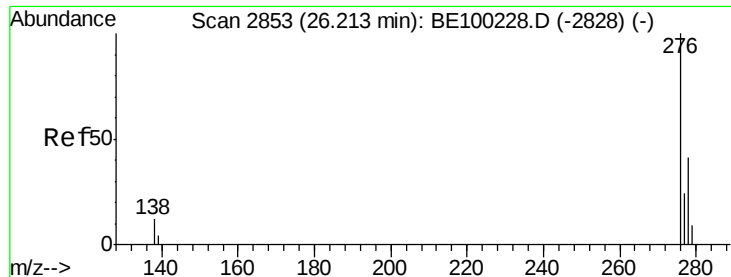


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.444 ng

RT: 26.27 min Scan# 2868

Delta R.T. 0.05 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

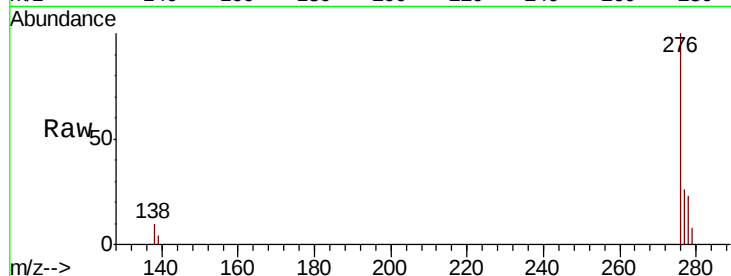
Tgt Ion: 276 Resp: 150116

Ion Ratio Lower Upper

276 100

138 8.5 9.4 14.0#

277 23.9 19.2 28.8

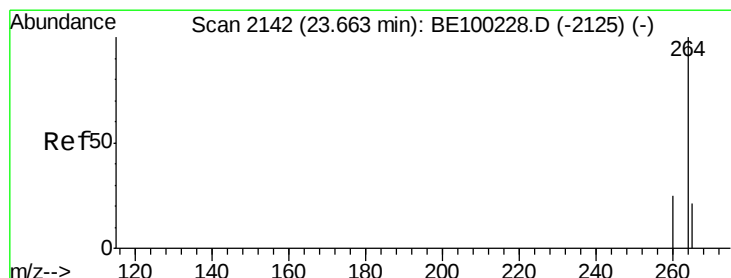
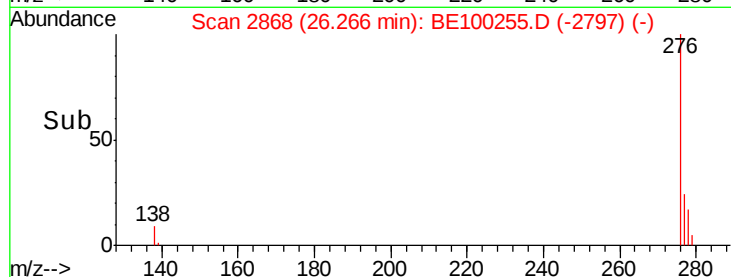
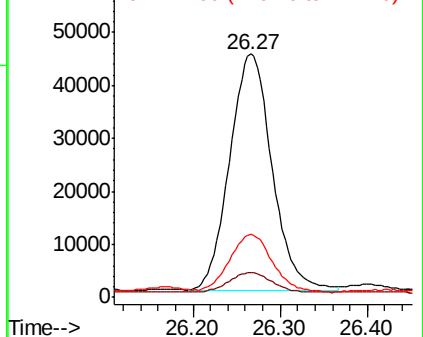


Abundance

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: 23.69 min Scan# 2149

Delta R.T. 0.03 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

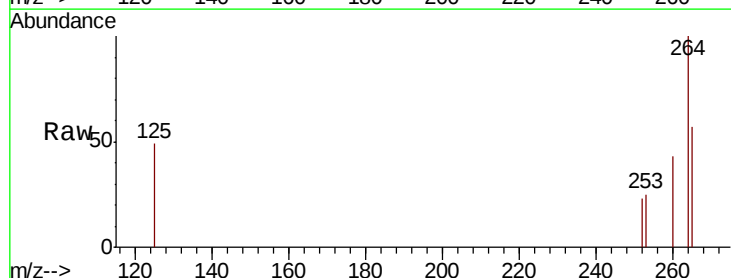
Tgt Ion: 264 Resp: 12136

Ion Ratio Lower Upper

264 100

260 43.4 20.8 31.2#

265 56.8 21.8 32.6#

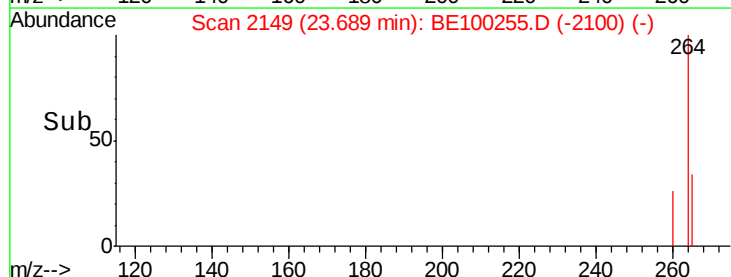
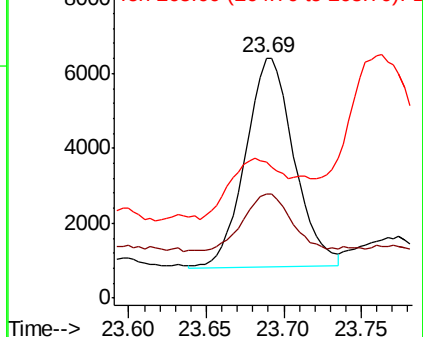


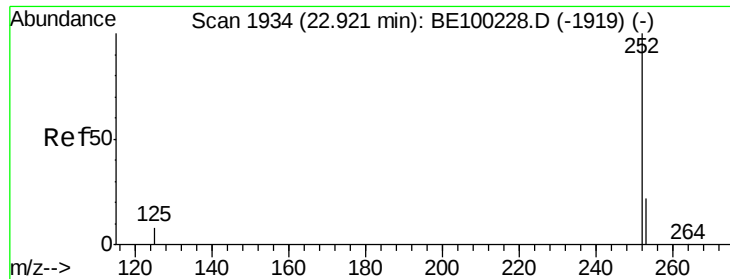
Abundance

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: 8.813 ng

RT: 22.94 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

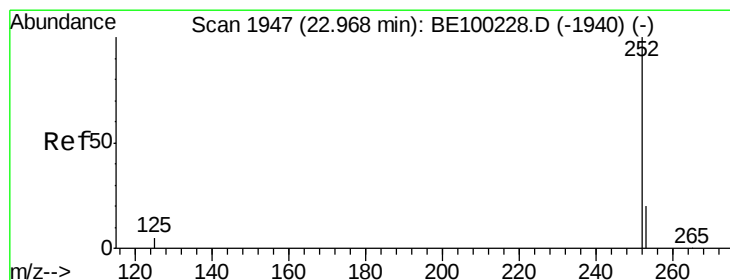
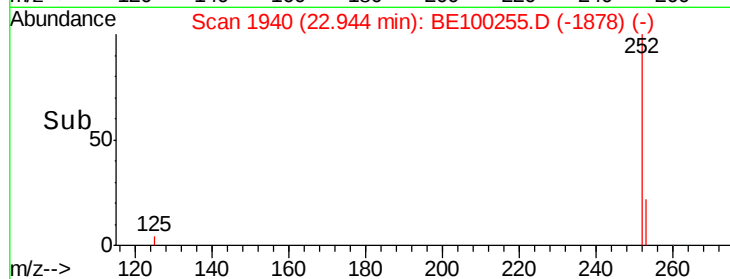
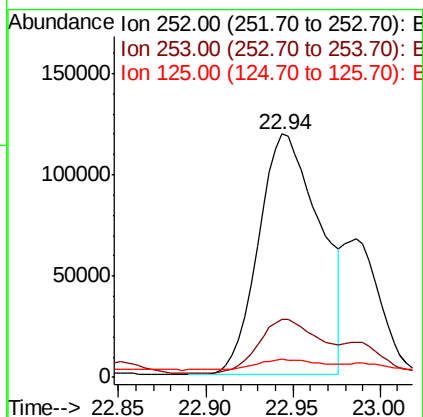
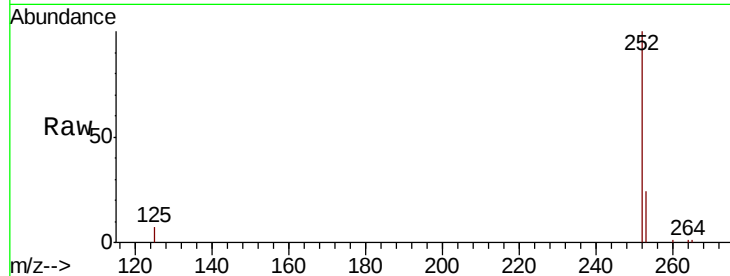
Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

Tgt Ion:	252	Resp:	289967
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.2	28.8
125	7.3	7.4	11.0#



#36

Benzo(k)fluoranthene

Concen: 7.895 ng

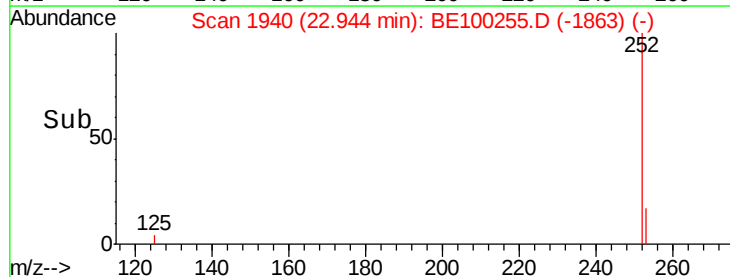
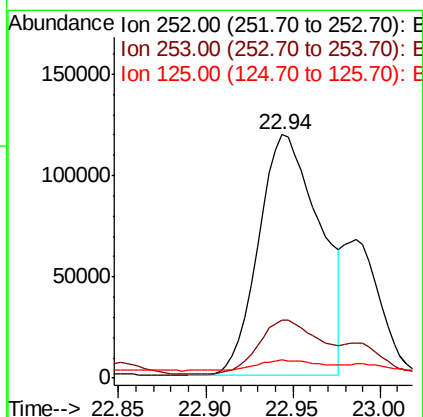
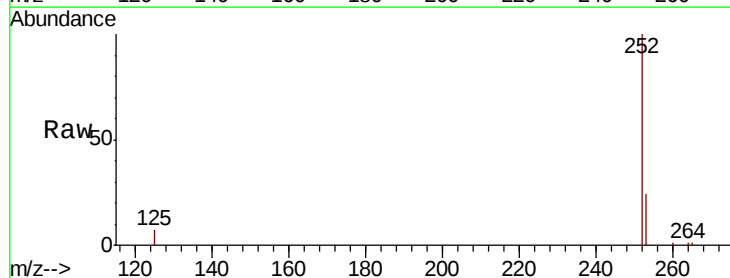
RT: 22.94 min Scan# 1940

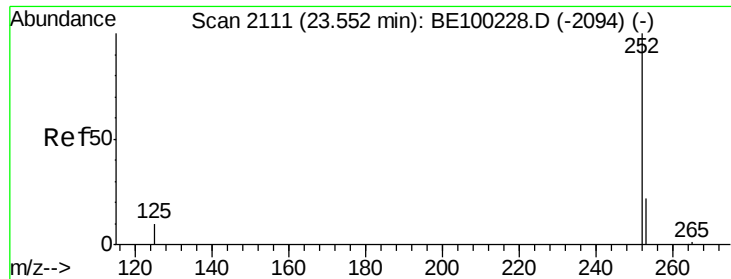
Delta R.T. -0.02 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Tgt Ion:	252	Resp:	289967
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	7.3	5.0	7.4





#37

Benzo(a)pyrene

Concen: 4.774 ng

RT: 23.47 min Scan# 2089

Delta R.T. -0.08 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

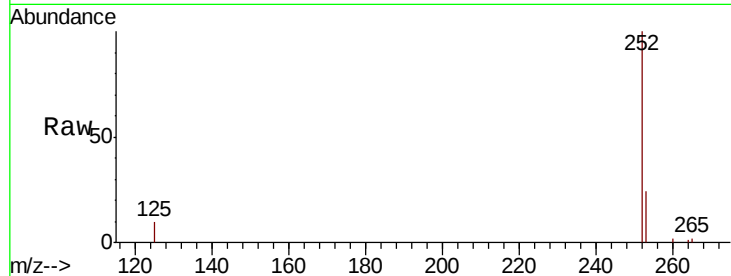
Tgt Ion: 252 Resp: 157449

Ion Ratio Lower Upper

252 100

253 23.9 19.6 29.4

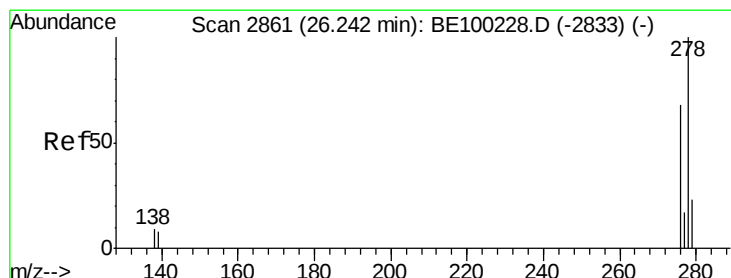
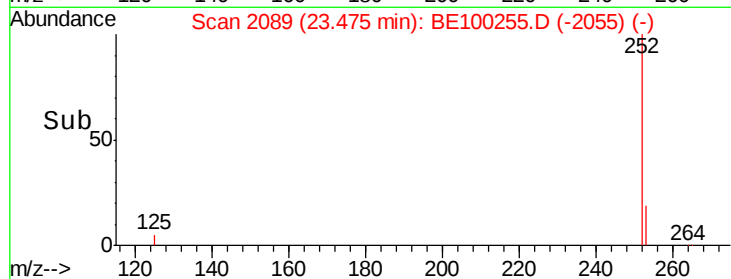
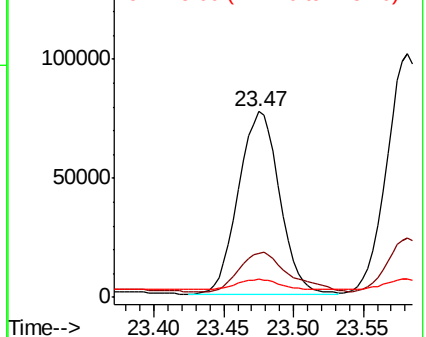
125 9.7 9.0 13.6



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: 1.136 ng

RT: 26.28 min Scan# 2871

Delta R.T. 0.04 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

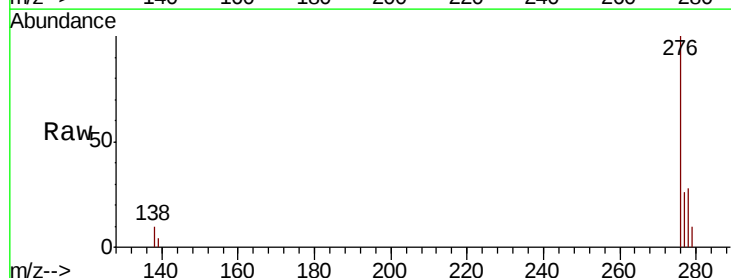
Tgt Ion: 278 Resp: 39128

Ion Ratio Lower Upper

278 100

139 14.8 8.2 12.2#

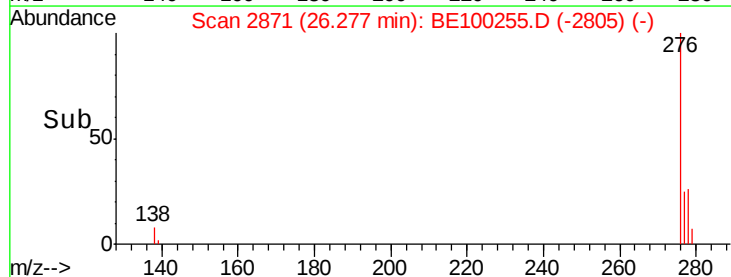
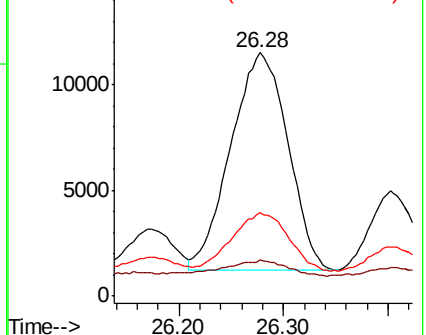
279 34.5 20.3 30.5#

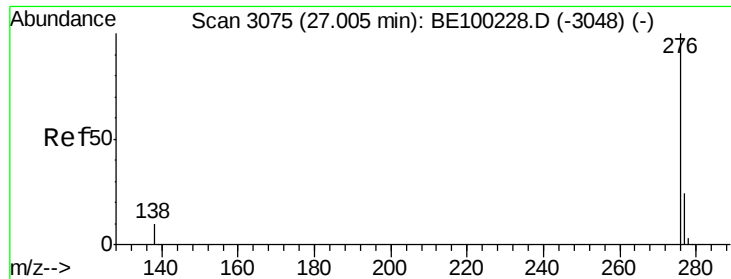


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 5.447 ng

RT: 27.07 min Scan# 3092

Delta R.T. 0.06 min

Lab File: BE100255.D

Acq: 29 Jun 2019 3:28

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719

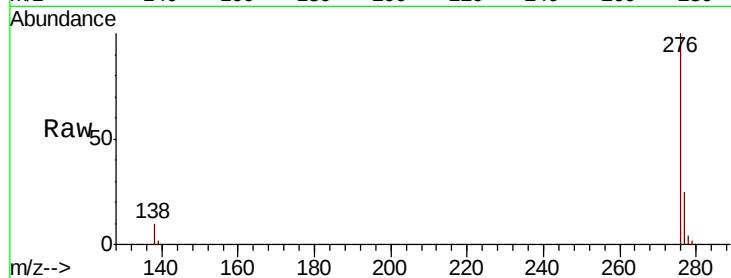
Tgt Ion: 276 Resp: 192722

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.2

138 9.9 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

