

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100795.D
 Acq On : 5 Dec 2019 18:54
 Operator : JU
 Sample : K6053-02DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1DL

Quant Time: Dec 06 02:04:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	6691	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	32705	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	20127	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	44995	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	46138	0.40	ng	0.00
34) Perylene-d12	23.75	264	53557	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	3293	0.21	ng	0.00
5) Phenol-d6	6.93	99	5434	0.23	ng	0.00
8) Nitrobenzene-d5	8.90	82	3686	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6886	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	939	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	9627	0.12	ng	0.00
25) Fluoranthene-d10	19.16	212	68563	0.13	ng	0.00
29) Terphenyl-d14	19.76	244	13897	0.13	ng	0.00

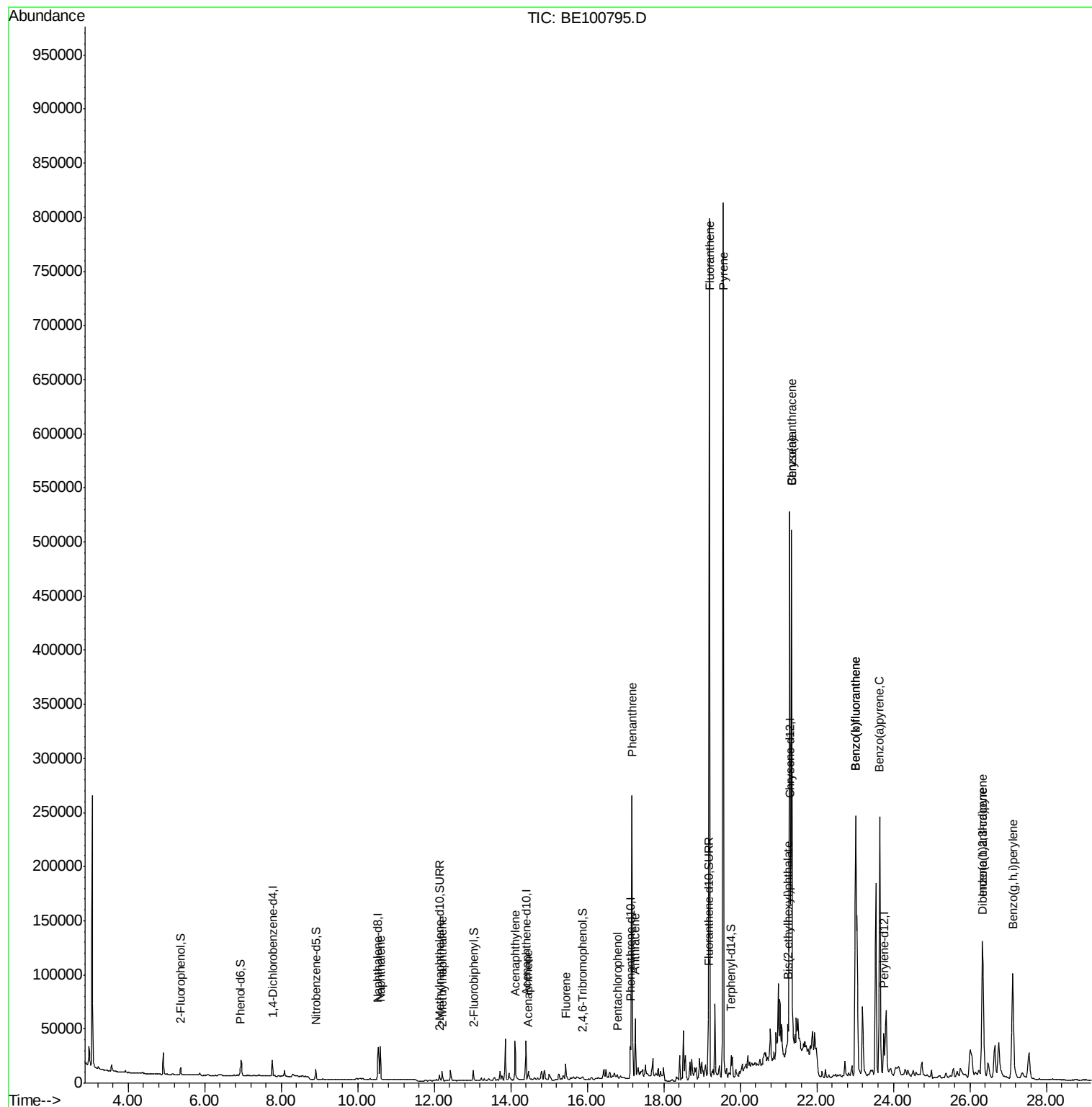
Target Compounds				Qvalue		
9) Naphthalene	10.59	128	48999	0.141	ng	99
12) 2-Methylnaphthalene	12.21	142	5819	0.107	ng	99
16) Acenaphthylene	14.11	152	46520	0.559	ng	99
17) Acenaphthene	14.46	154	3685	0.064	ng	94
18) Fluorene	15.43	166	15346	0.207	ng	# 89
22) Pentachlorophenol	16.79	266	84	0.051	ng	90
23) Phenanthrene	17.17	178	326421	2.395	ng	100
24) Anthracene	17.25	178	59561	0.523	ng	98
26) Fluoranthene	19.19	202	690482	4.245	ng	99
28) Pvrene	19.55	202	751954	5.016	ng	96
30) Benzo(a)anthracene	21.34	228	392542	2.886	ng	93
31) Chrysene	21.34	228	390593	2.444	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	23286	0.225	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.33	276	225881	1.623	ng	97
35) Benzo(b)fluoranthene	23.01	252	475790	3.245	ng	99
36) Benzo(k)fluoranthene	23.01	252	475790	2.894	ng	99
37) Benzo(a)pvrene	23.64	252	373926	2.946	ng	99
38) Dibenzo(a,h)anthracene	26.35	278	61735	0.489	ng	# 92
39) Benzo(g,h,i)perylene	27.12	276	226067	1.674	ng	99

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

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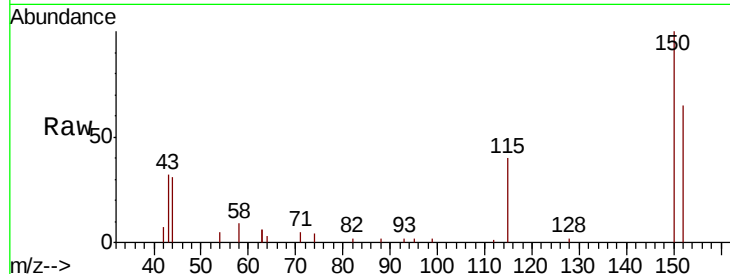


#1

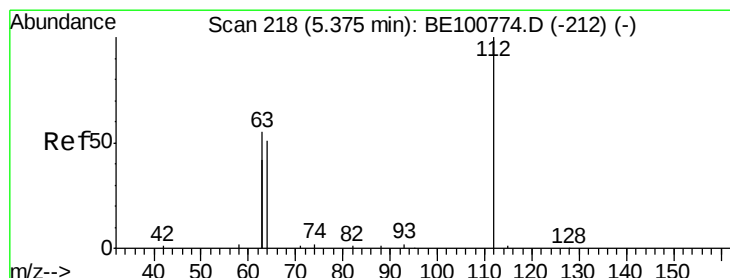
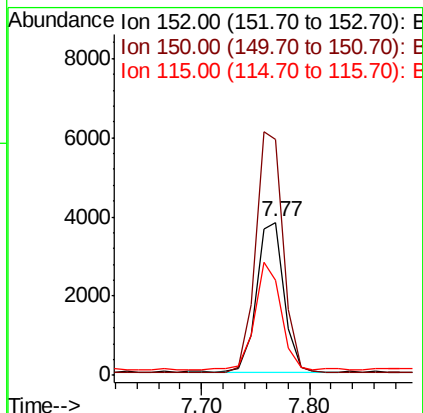
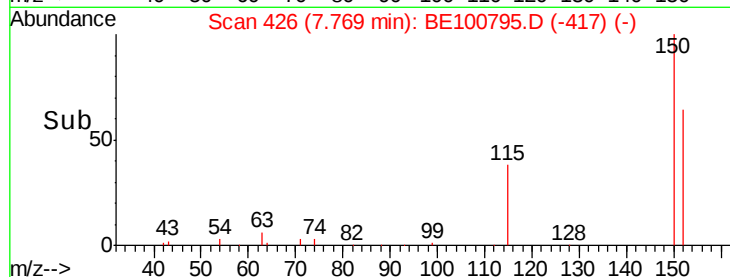
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1DL

Tot Ion:152 Resp: 6691
Ion Ratio Lower Upper
152 100
150 154.0 120.6 181.0
115 61.7 47.4 71.2



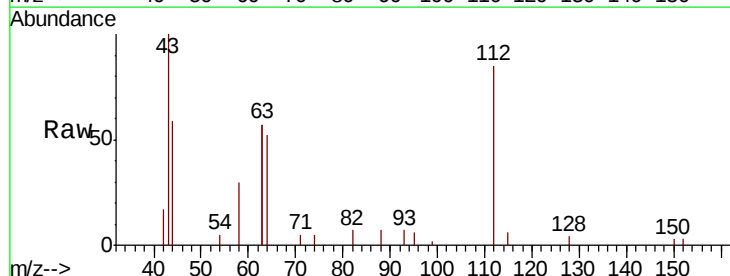
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



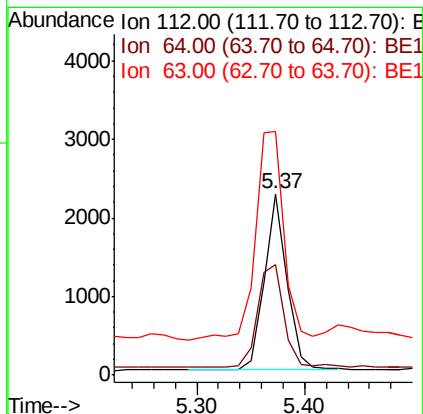
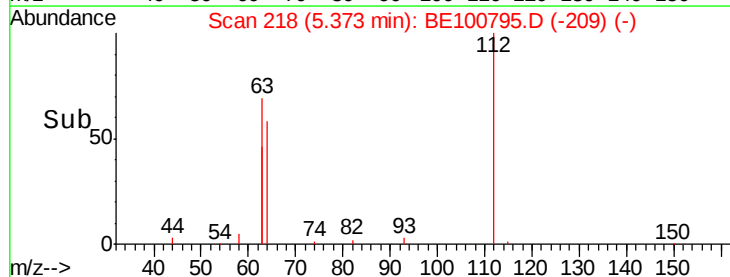
#4

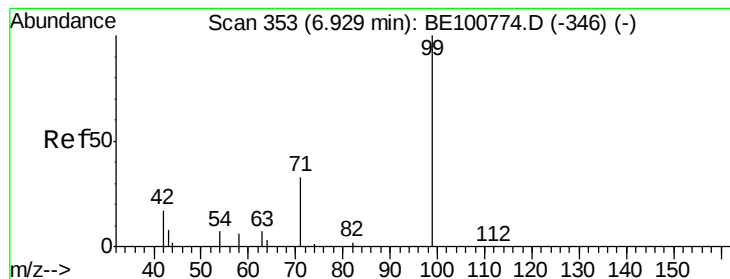
2-Fluorophenol
Concen: 0.207 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Tgt Ion:112 Resp: 3293
Ion Ratio Lower Upper
112 100
64 66.8 54.1 81.1
63 146.8 113.2 169.8



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: 0.227 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

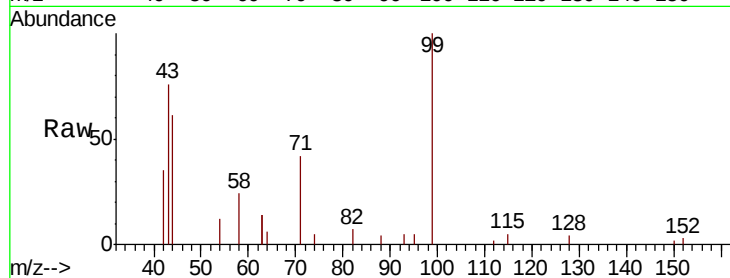
Tot Ion: 99 Resp: 5434

Ion Ratio Lower Upper

99 100

42 37.0 19.1 28.7#

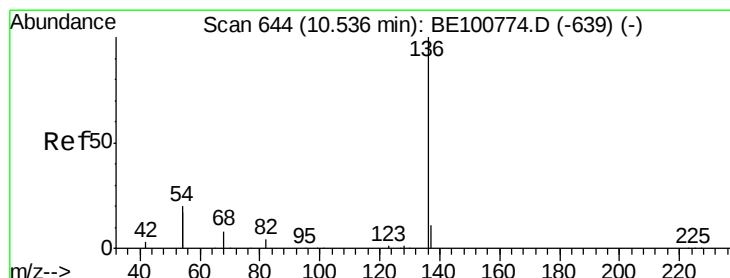
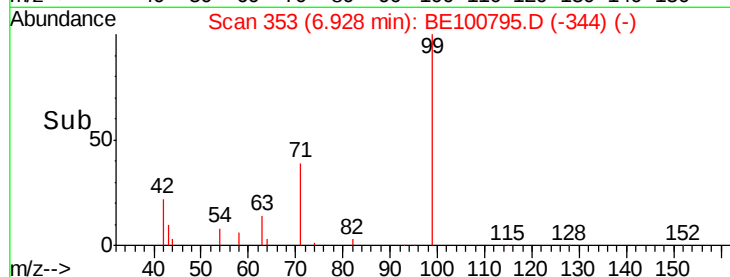
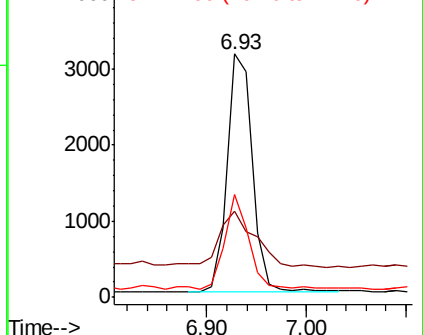
71 38.9 27.7 41.5



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: 10.54 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Tgt Ion: 136 Resp: 32705

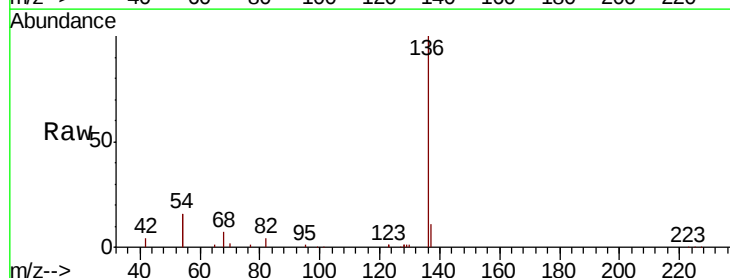
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 31.9 31.1 46.7

68 7.4 6.6 10.0

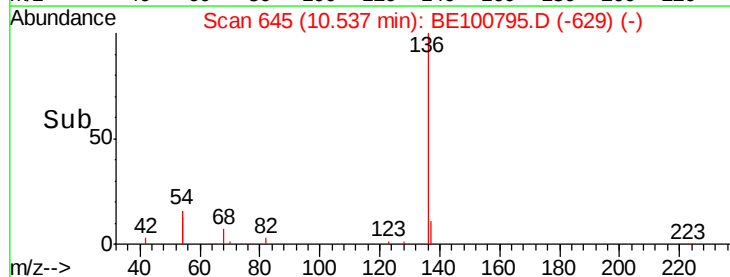
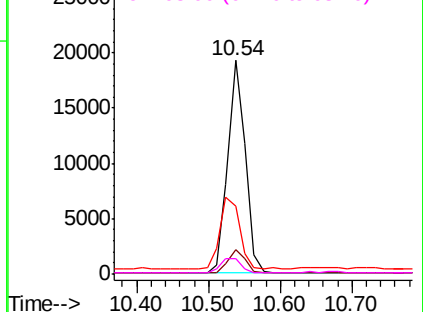


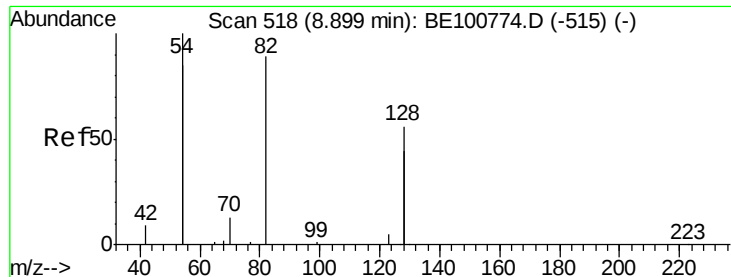
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.237 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

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EXT-084-SW178-112519-1DL

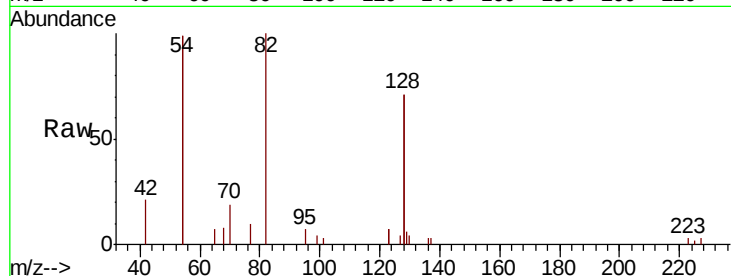
Tot Ion: 82 Resp: 3686

Ion Ratio Lower Upper

82 100

128 142.2 97.0 145.4

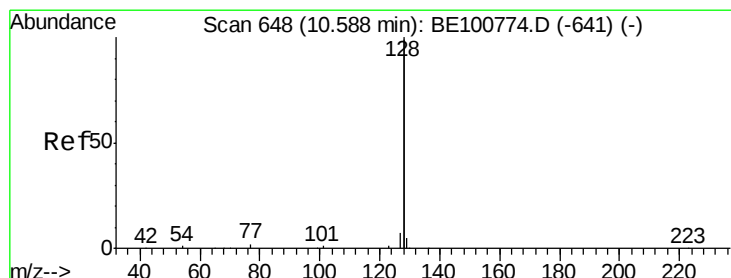
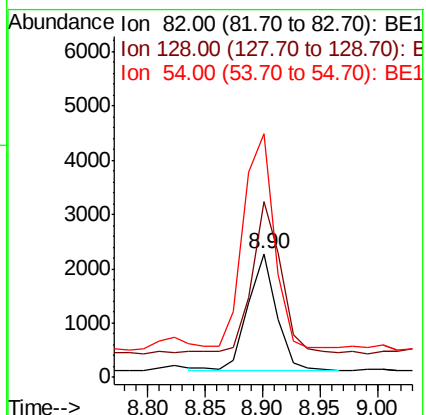
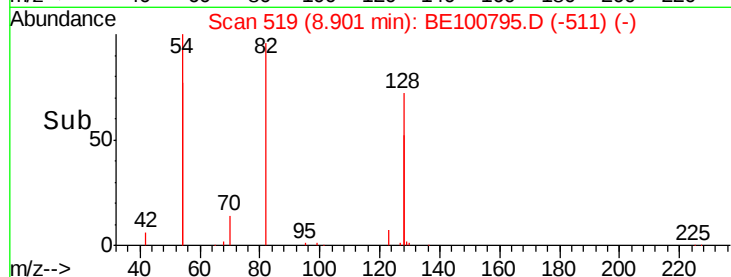
54 197.4 171.8 257.6



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: 0.141 ng

RT: 10.59 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

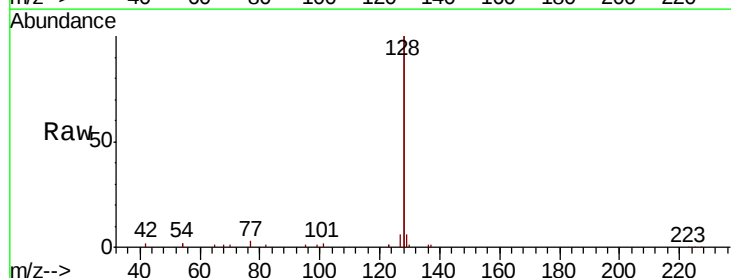
Tgt Ion: 128 Resp: 48999

Ion Ratio Lower Upper

128 100

129 3.2 2.2 3.4

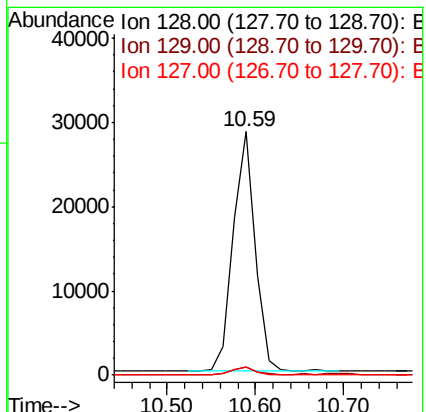
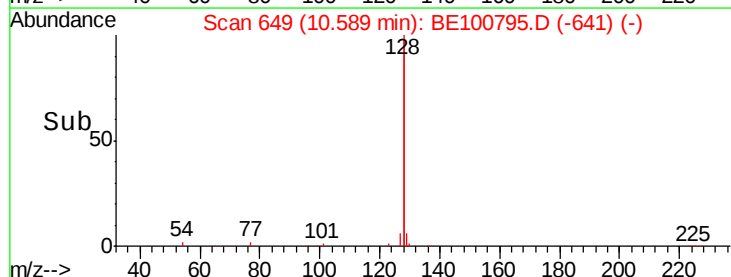
127 3.2 2.7 4.1



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





#11

2-Methylnaphthalene-d10

Concen: 0.145 ng

RT: 12.14 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

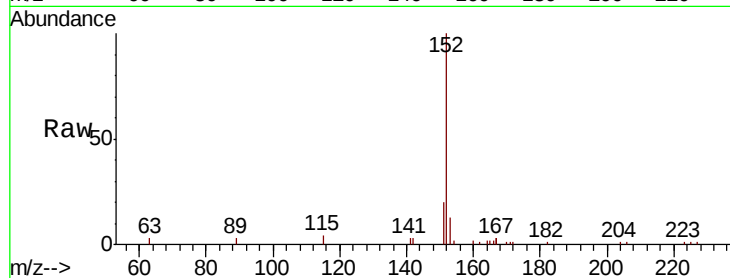
EXT-084-SW178-112519-1DL

Tot Ion:152 Resp: 6886

Ion Ratio Lower Upper

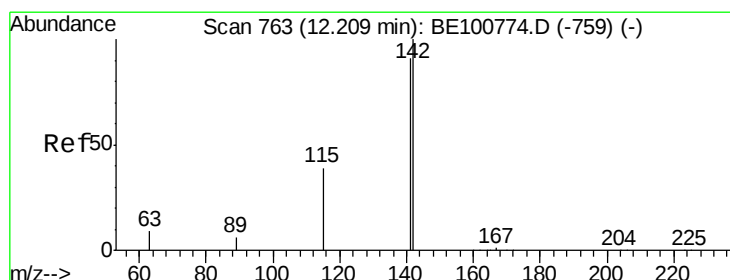
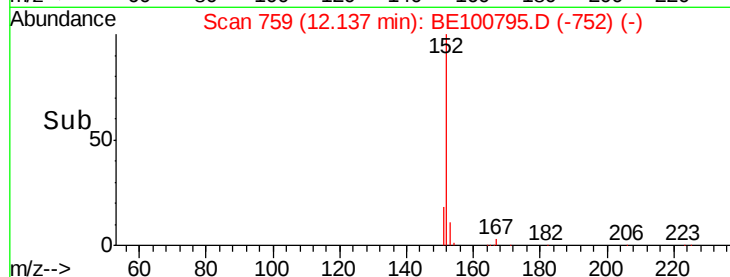
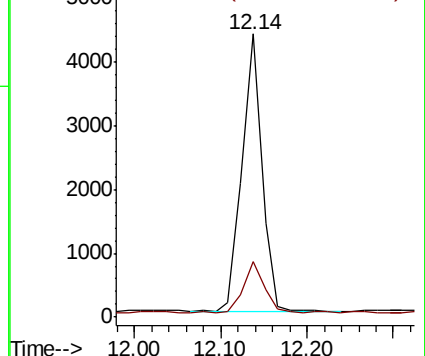
152 100

151 19.5 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.107 ng

RT: 12.21 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

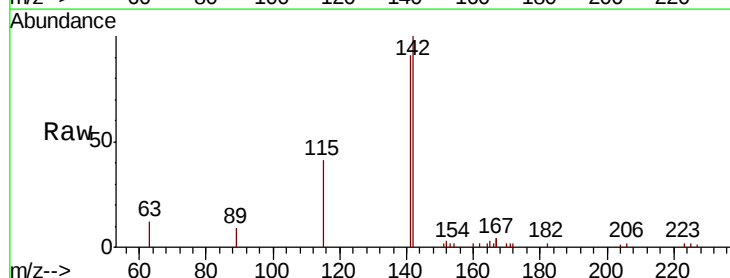
Tgt Ion:142 Resp: 5819

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

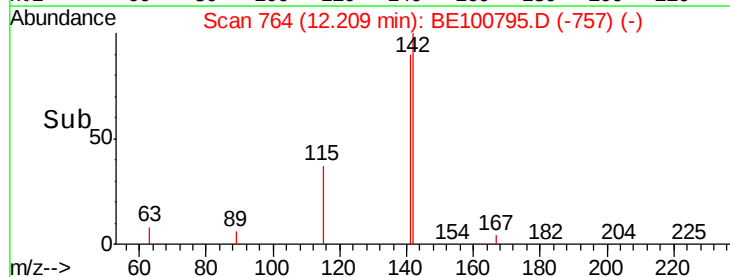
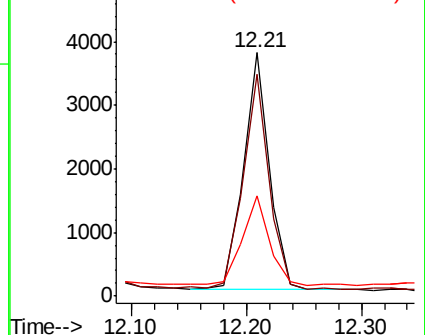
115 41.3 31.8 47.6

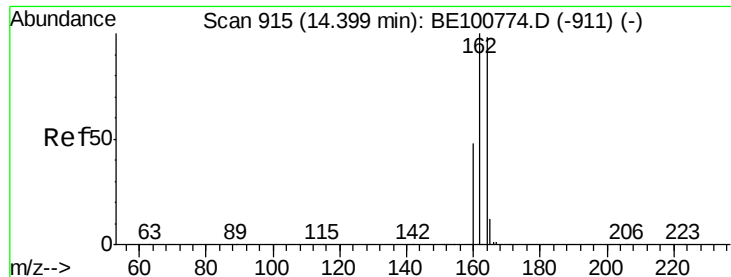


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

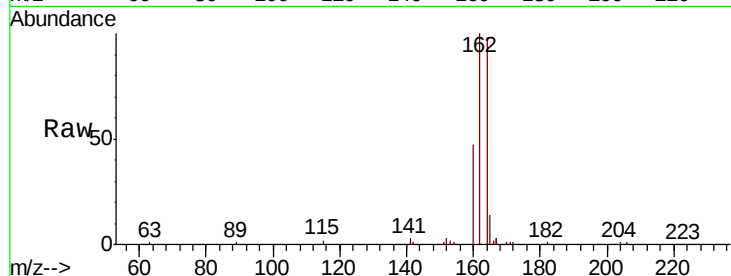




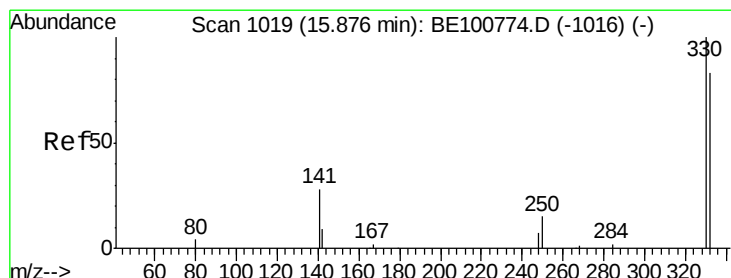
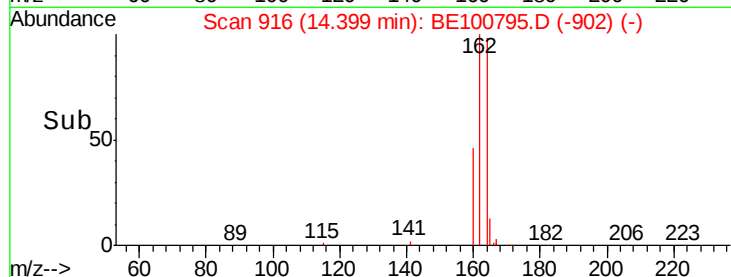
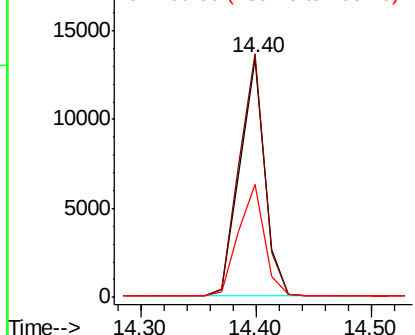
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1DL

Tot Ion:164 Resp: 20127
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 47.6 39.4 59.0

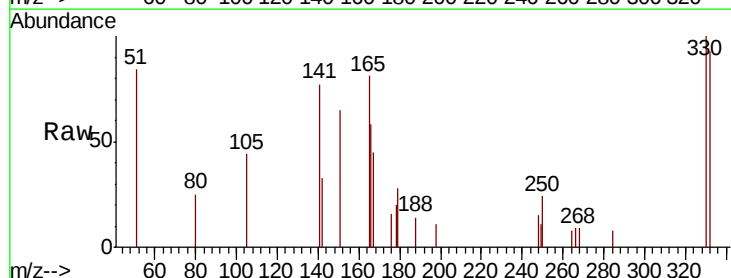


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

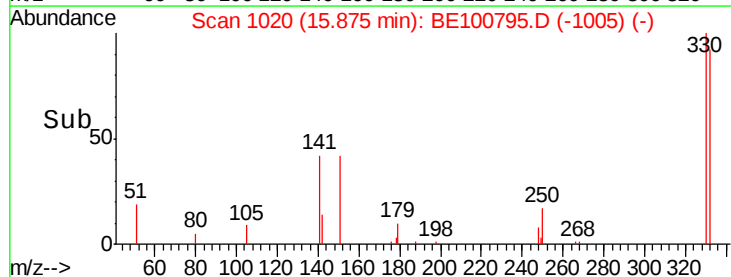
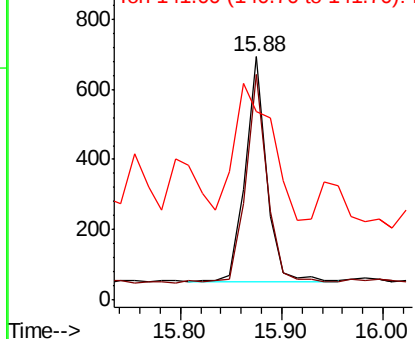


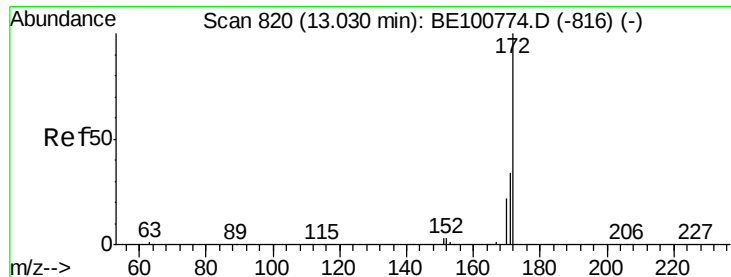
#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.88 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Tgt Ion:330 Resp: 939
Ion Ratio Lower Upper
330 100
332 93.2 69.4 104.2
141 106.9 51.1 76.7#



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

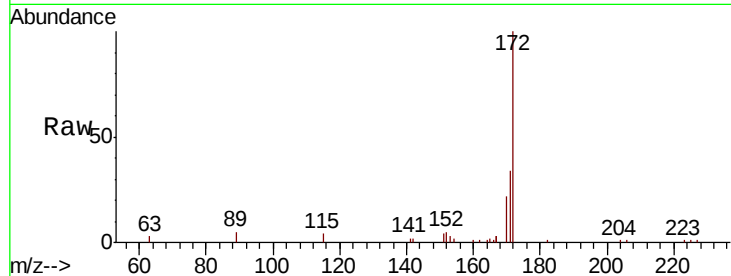




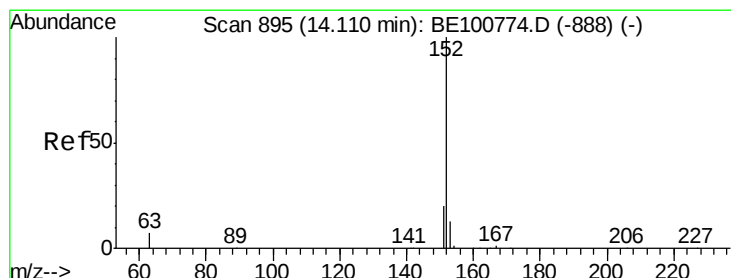
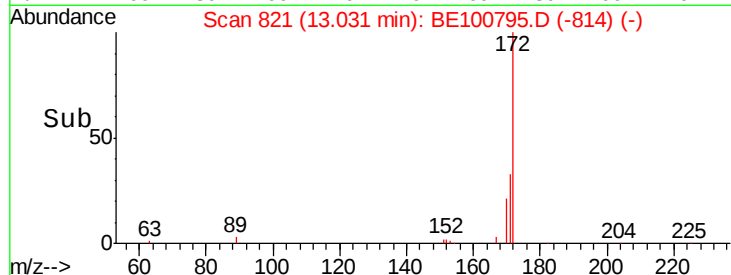
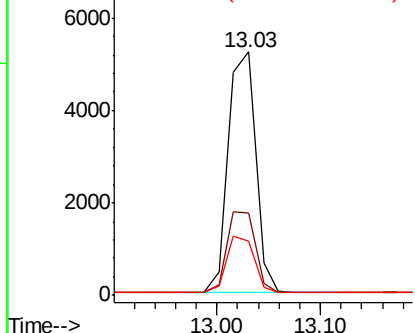
#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 13.03 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1DL

Tot Ion:172 Resp: 9627
Ion Ratio Lower Upper
172 100
171 33.6 27.2 40.8
170 22.1 18.0 27.0

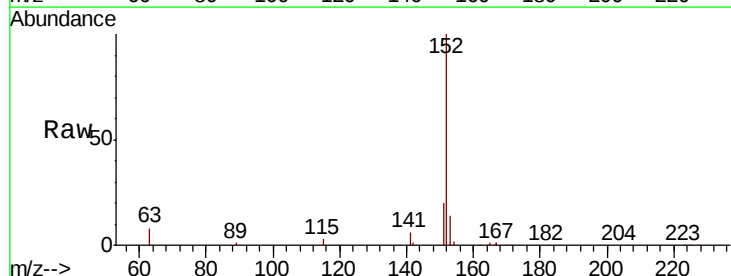


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

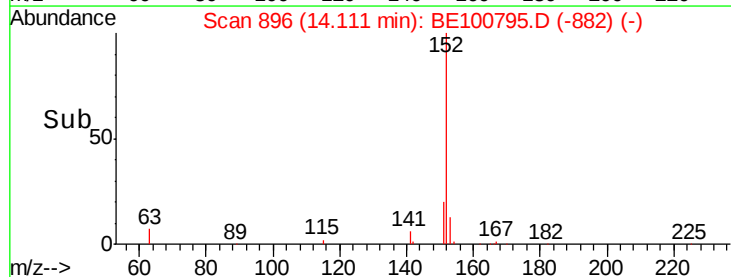
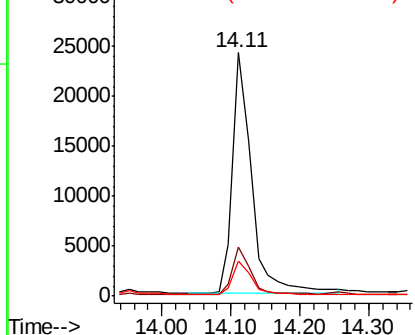


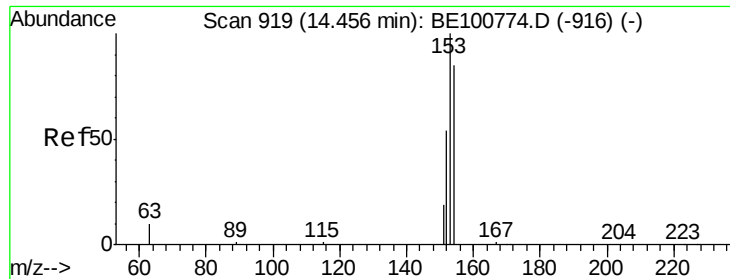
#16
Acenaphthylene
Concen: 0.559 ng
RT: 14.11 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Tgt Ion:152 Resp: 46520
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.4 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

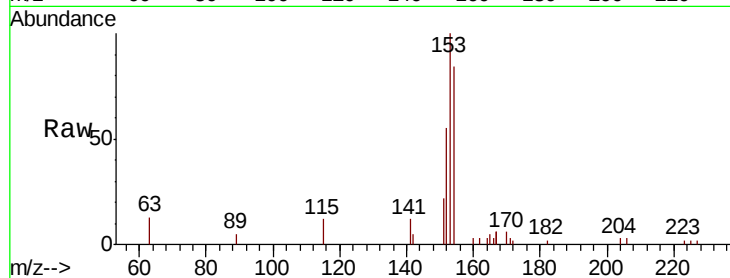




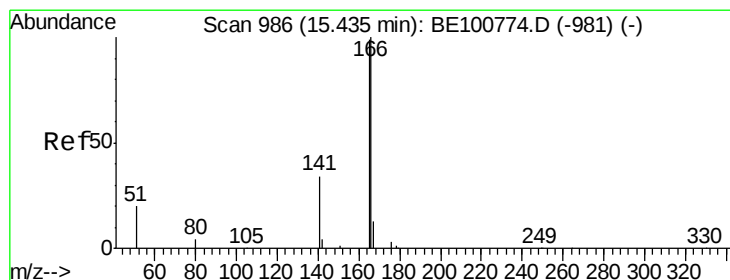
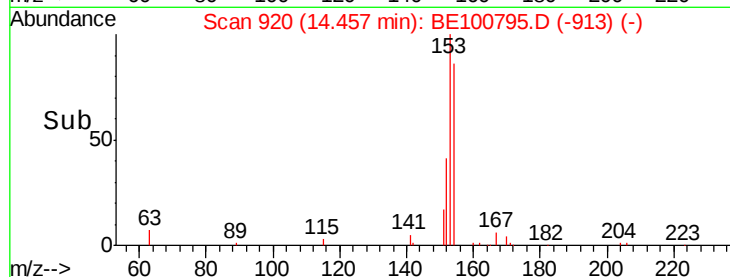
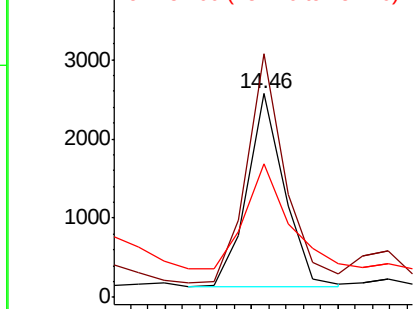
#17
Acenaphthene
Concen: 0.064 ng
RT: 14.46 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1DL

Tot Ion:154 Resp: 3685
Ion Ratio Lower Upper
154 100
153 121.8 92.2 138.2
152 64.8 49.1 73.7

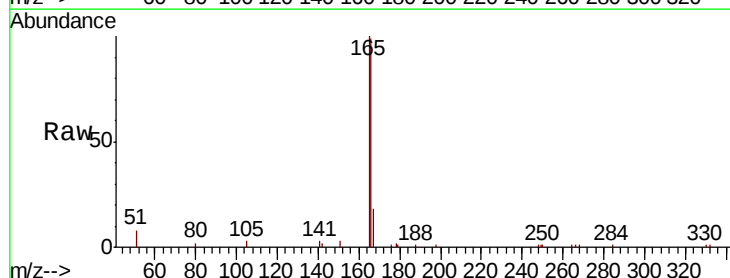


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

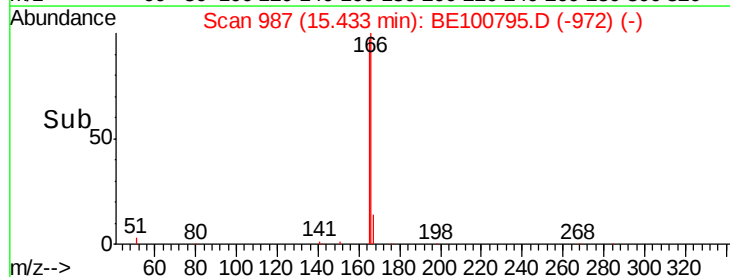
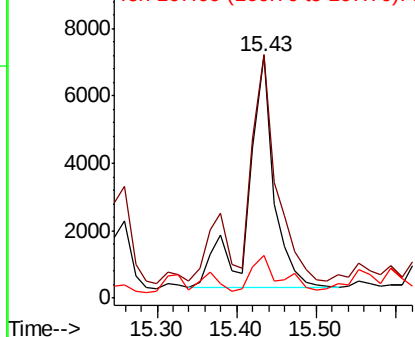


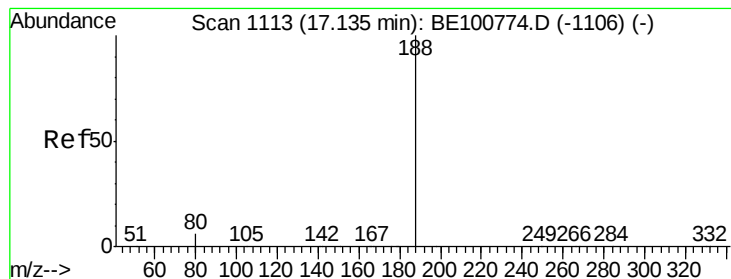
#18
Fluorene
Concen: 0.207 ng
RT: 15.43 min Scan# 987
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Tgt Ion:166 Resp: 15346
Ion Ratio Lower Upper
166 100
165 89.0 80.5 120.7
167 16.9 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: 17.12 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

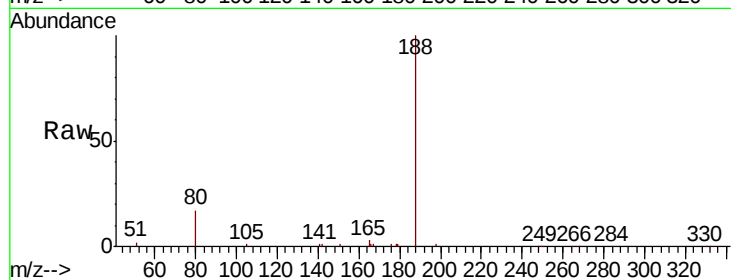
Tot Ion:188 Resp: 44995

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

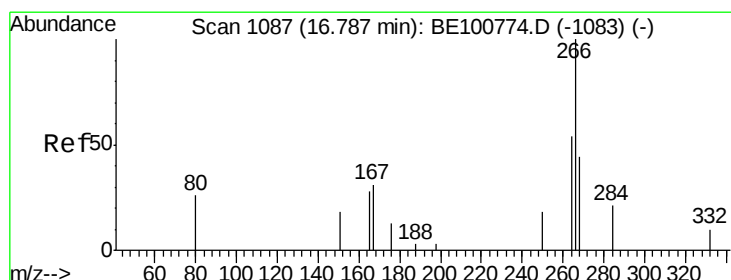
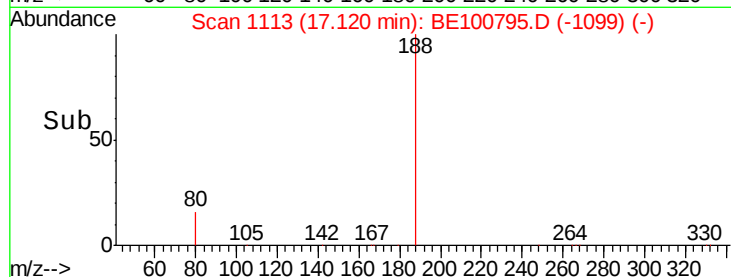
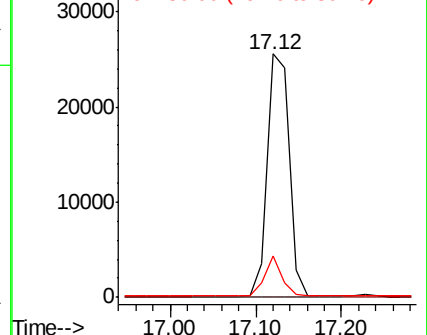
80 16.9 5.2 7.8#



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



#22

Pentachlorophenol

Concen: 0.051 ng

RT: 16.79 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

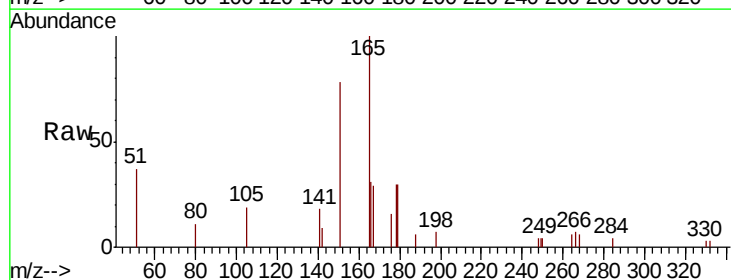
Tgt Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

264 87.6 63.4 95.0

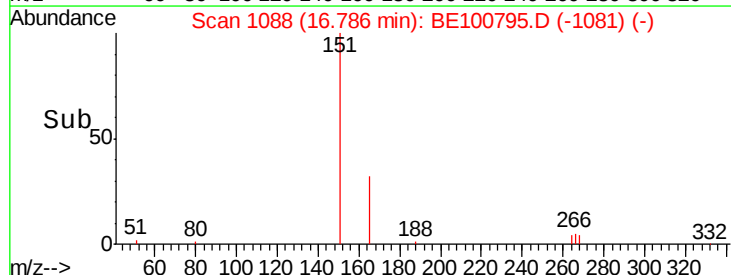
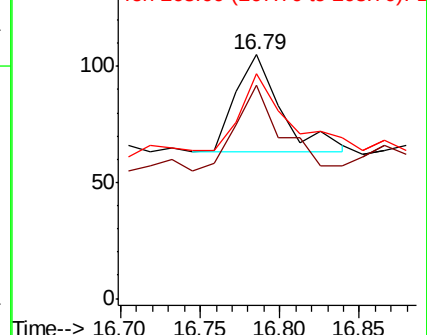
268 92.4 65.8 98.8

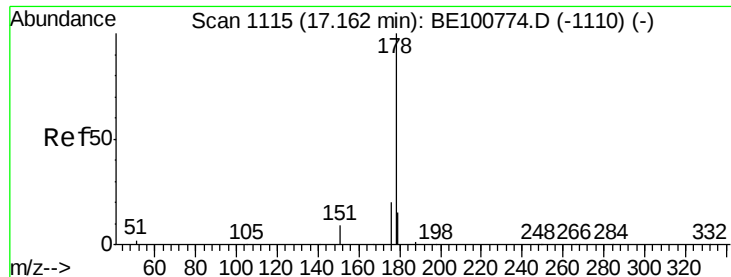


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.395 ng

RT: 17.17 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

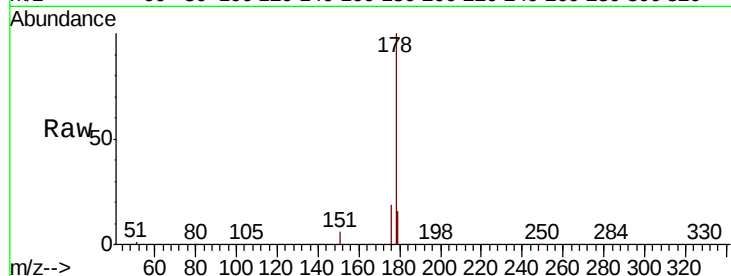
Tot Ion:178 Resp: 326421

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

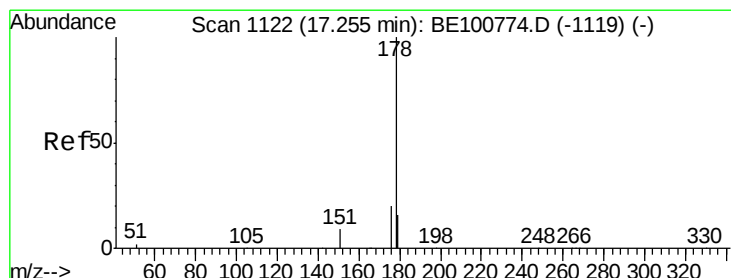
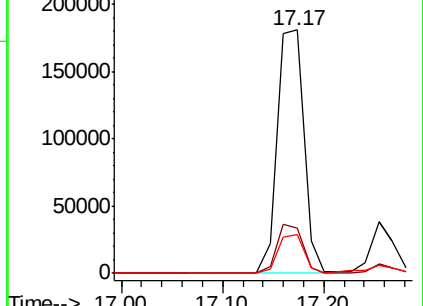
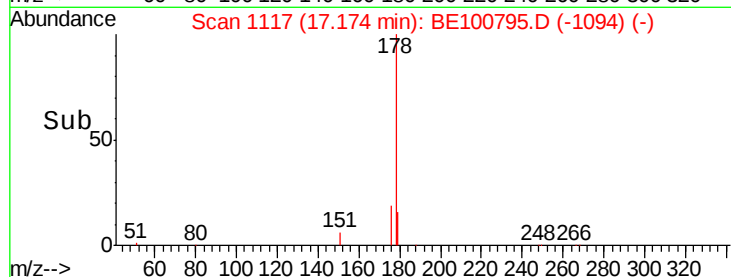
179 15.7 12.3 18.5



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



#24

Anthracene

Concen: 0.523 ng

RT: 17.25 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

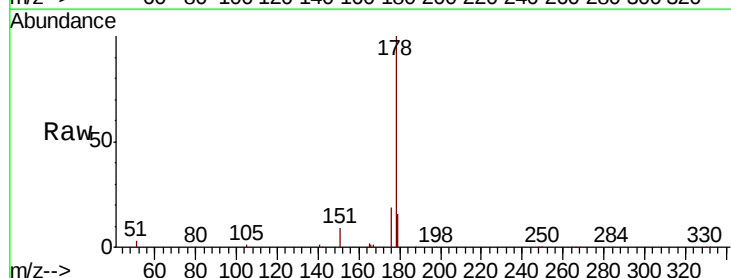
Tgt Ion:178 Resp: 59561

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

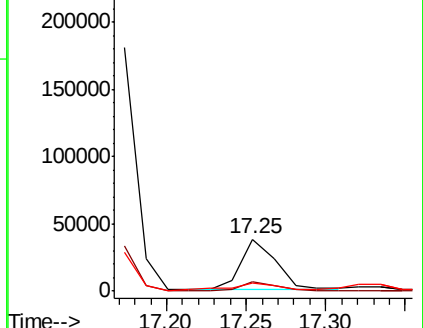
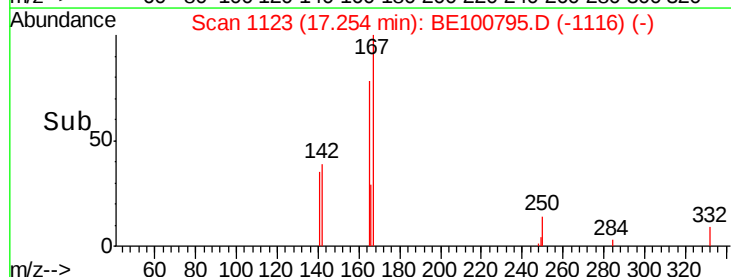
179 14.4 12.7 19.1

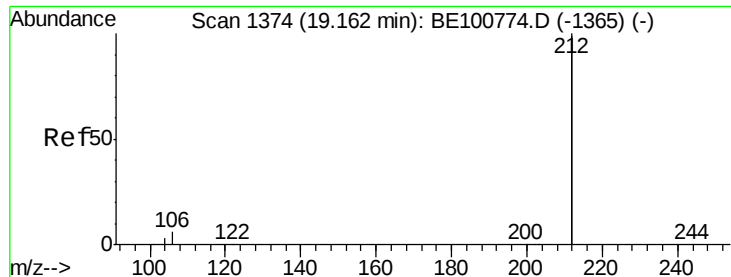


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

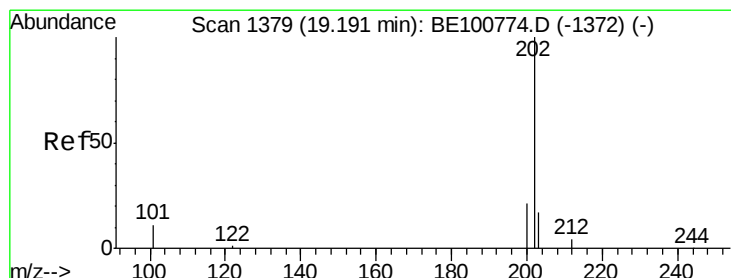
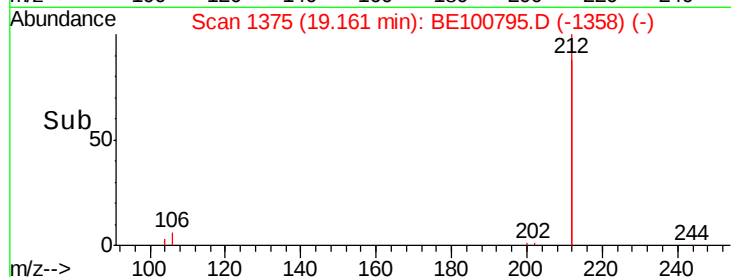
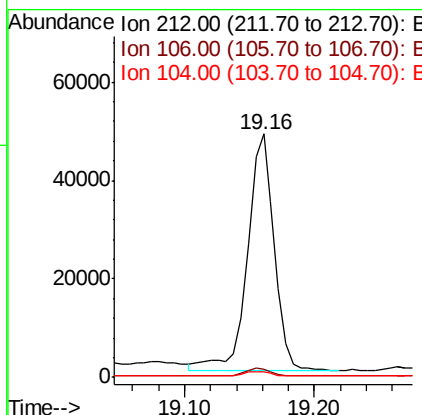
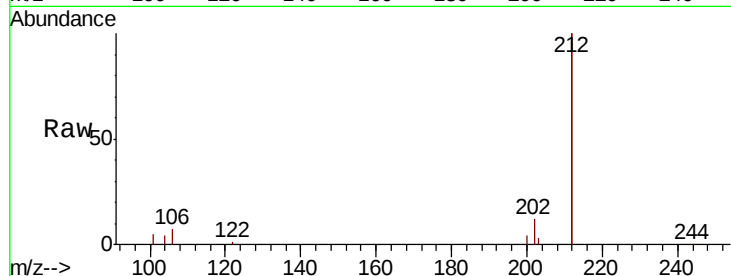




#25
Fluoranthene-d10
Concen: 0.129 ng
RT: 19.16 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

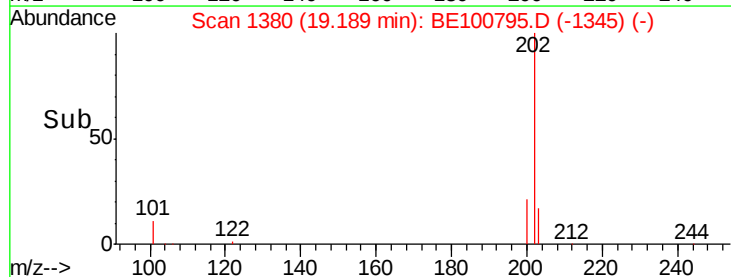
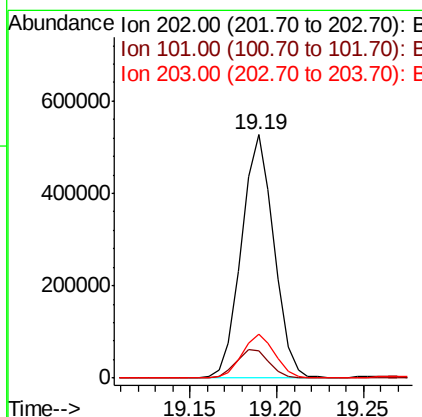
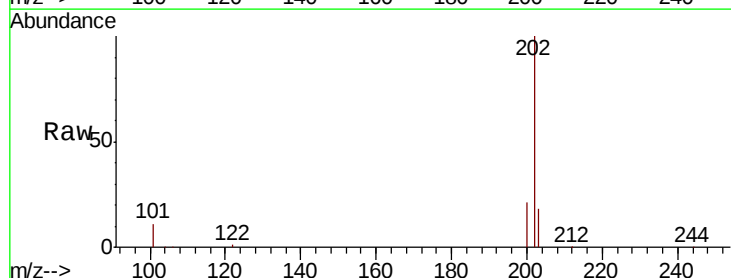
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1DL

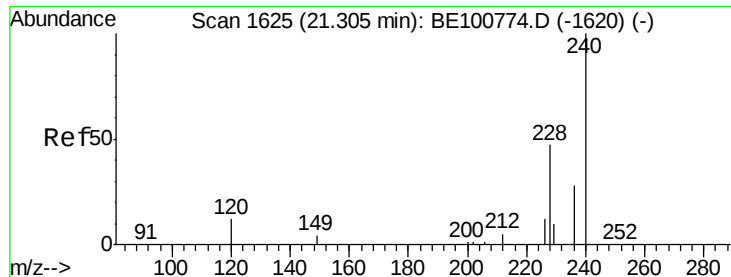
Tot Ion:212 Resp: 68563
Ion Ratio Lower Upper
212 100
106 3.5 2.6 3.8
104 2.4 1.4 2.2#



#26
Fluoranthene
Concen: 4.245 ng
RT: 19.19 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Tgt Ion:202 Resp: 690482
Ion Ratio Lower Upper
202 100
101 12.0 9.1 13.7
203 17.8 13.8 20.6

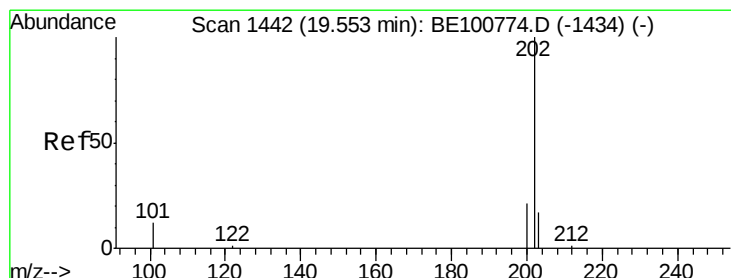
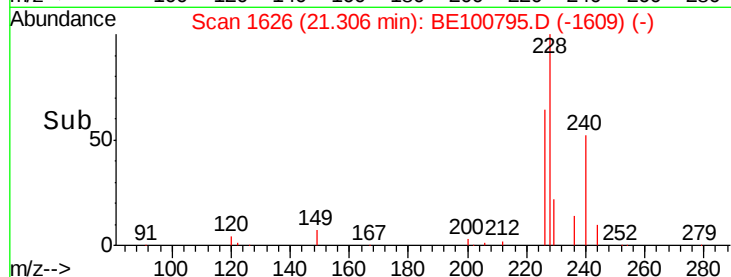
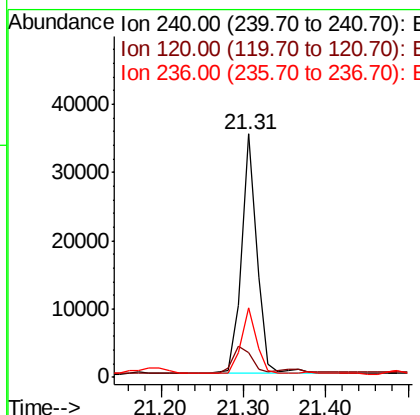
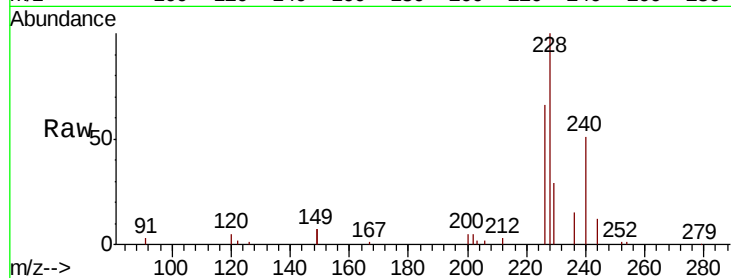




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

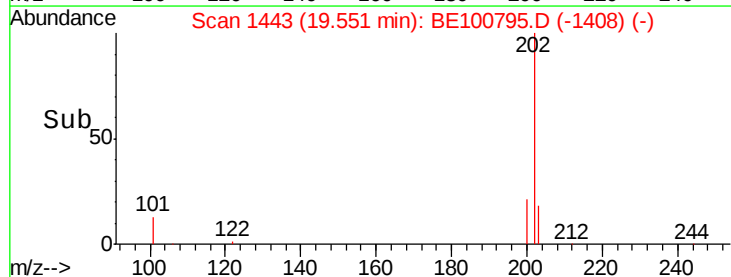
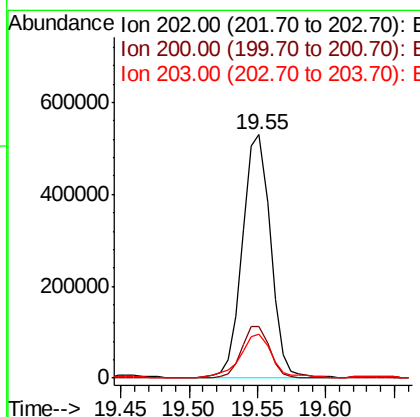
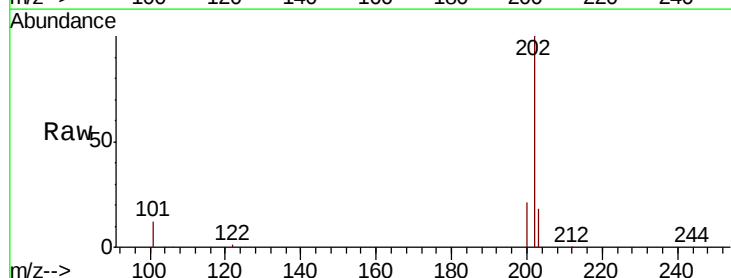
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1DL

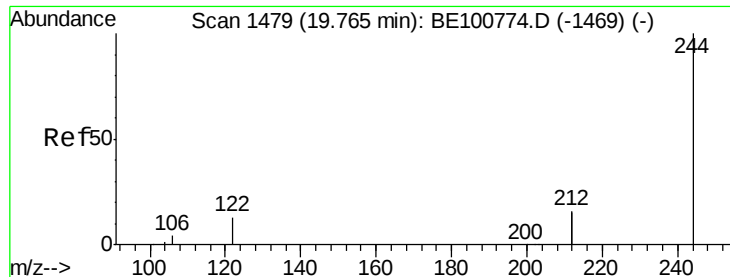
Tot Ion:240 Resp: 46138
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.2#
236 28.4 22.3 33.5



#28
Pyrene
Concen: 5.016 ng
RT: 19.55 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BE100795.D
Acq: 5 Dec 2019 18:54

Tgt Ion:202 Resp: 751954
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 20.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.126 ng

RT: 19.76 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

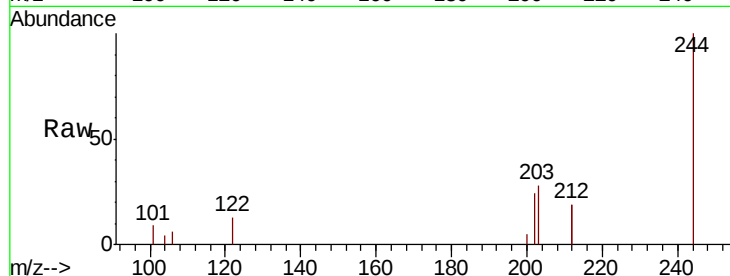
Tot Ion:244 Resp: 13897

Ion Ratio Lower Upper

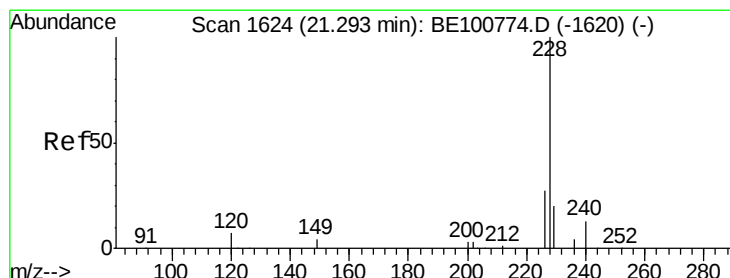
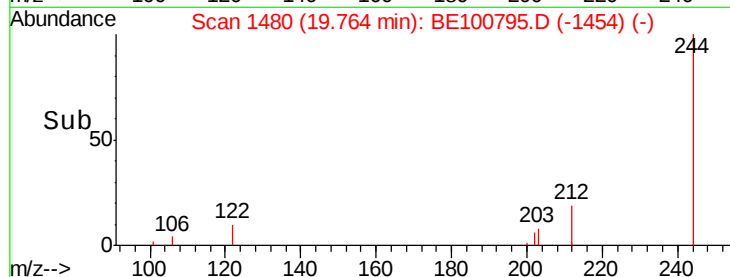
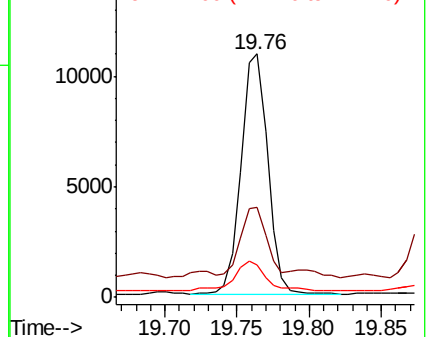
244 100

212 37.0 26.2 39.4

122 13.5 10.2 15.4



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: 2.886 ng

RT: 21.34 min Scan# 1629

Delta R.T. 0.05 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

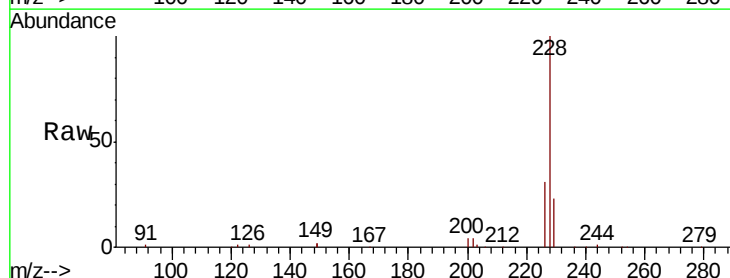
Tgt Ion:228 Resp: 392542

Ion Ratio Lower Upper

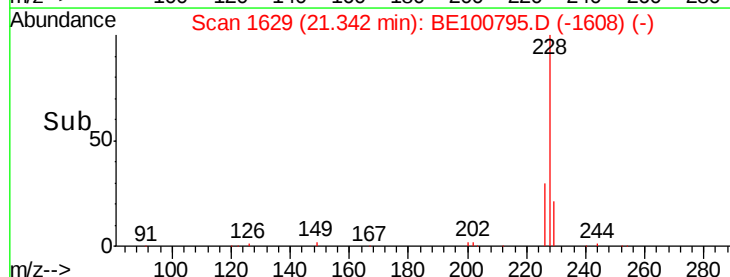
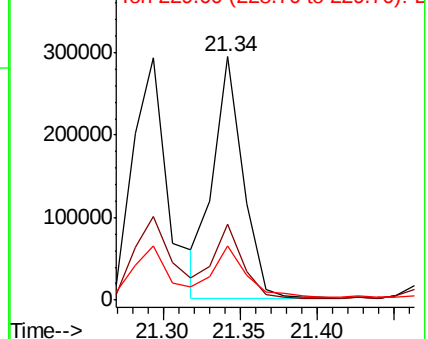
228 100

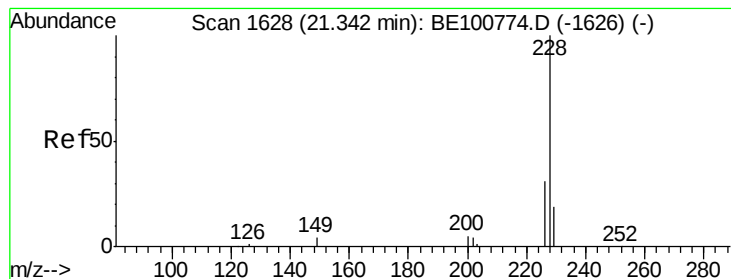
226 31.0 21.5 32.3

229 22.5 16.0 24.0



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: 2.444 ng

RT: 21.34 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

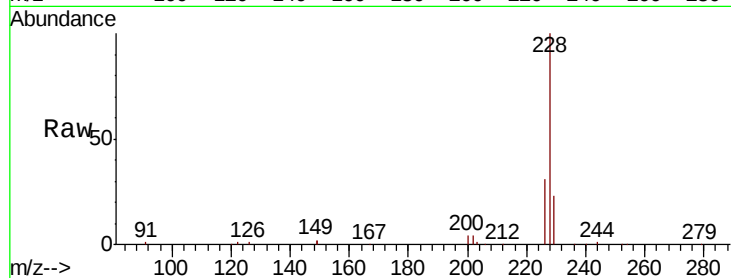
Tot Ion:228 Resp: 390593

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

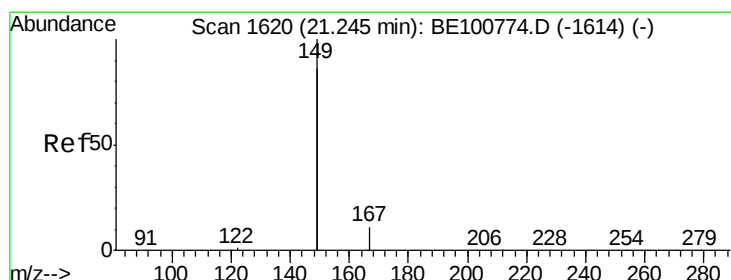
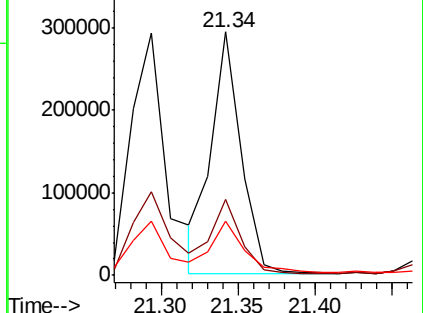
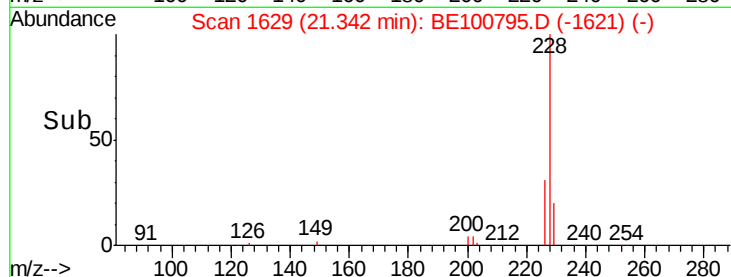
229 22.5 15.4 23.2



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: 0.225 ng

RT: 21.25 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

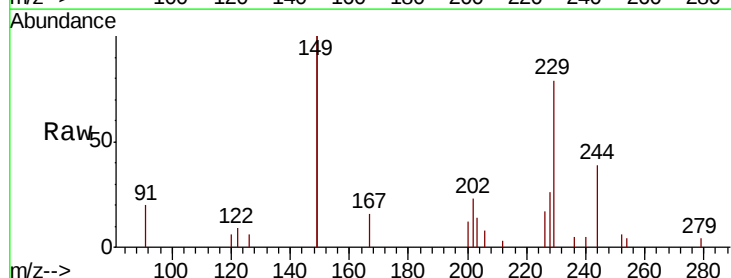
Tgt Ion:149 Resp: 23286

Ion Ratio Lower Upper

149 100

167 6.8 5.0 7.6

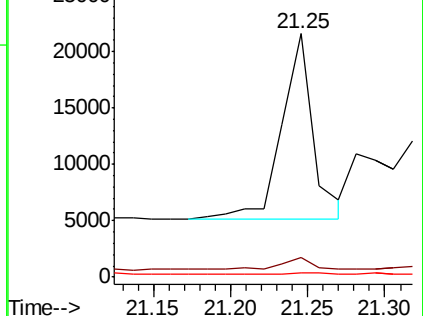
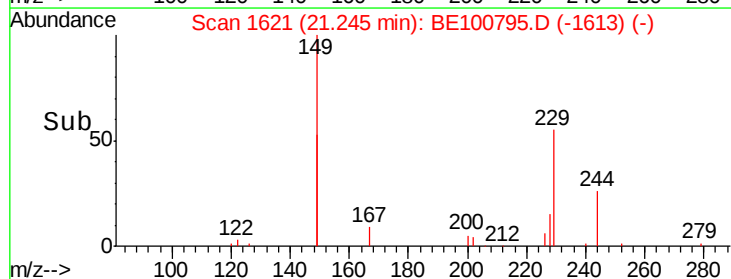
279 1.1 0.7 1.1#

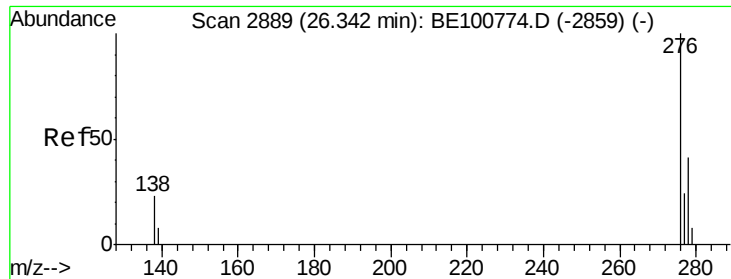


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.623 ng

RT: 26.33 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

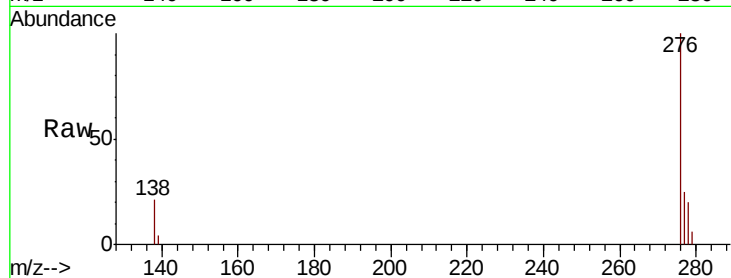
Tot Ion:276 Resp: 225881

Ion Ratio Lower Upper

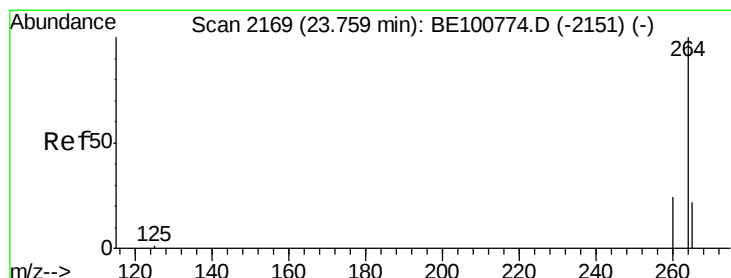
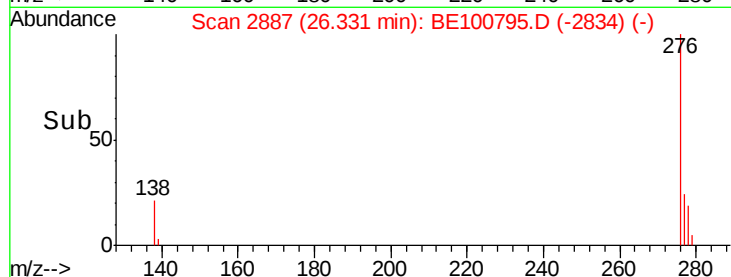
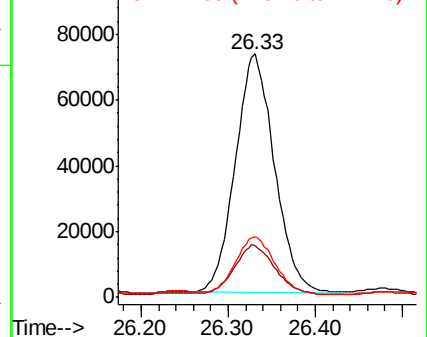
276 100

138 21.3 19.4 29.0

277 24.8 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: 23.75 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

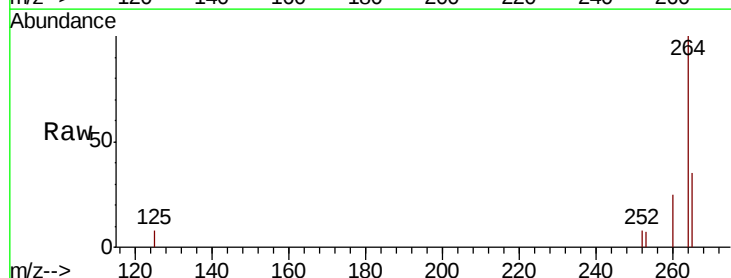
Tgt Ion:264 Resp: 53557

Ion Ratio Lower Upper

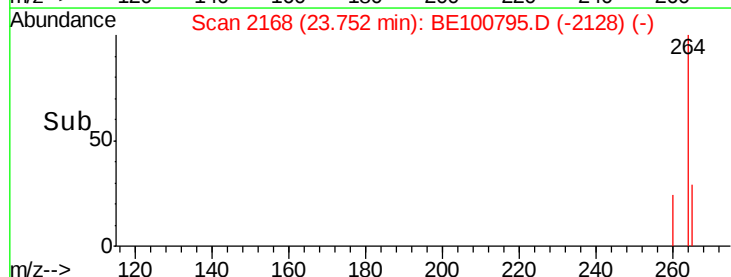
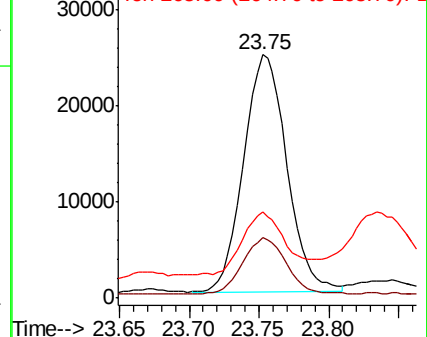
264 100

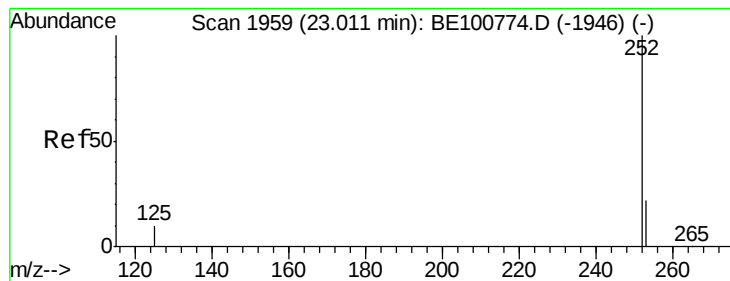
260 25.0 19.4 29.2

265 35.2 21.8 32.8#



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: 3.245 ng

RT: 23.01 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

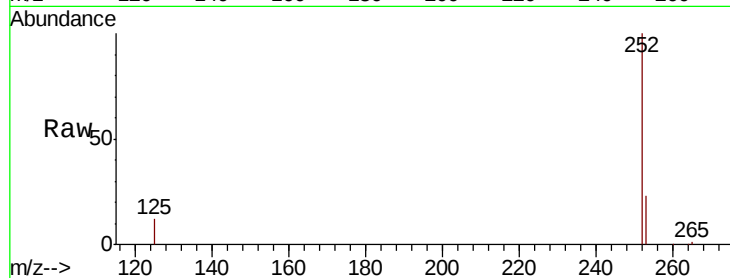
Tot Ion:252 Resp: 475790

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

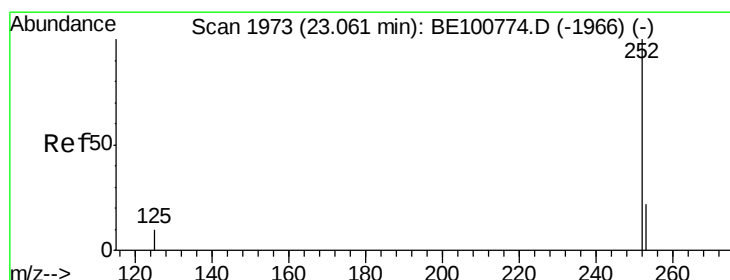
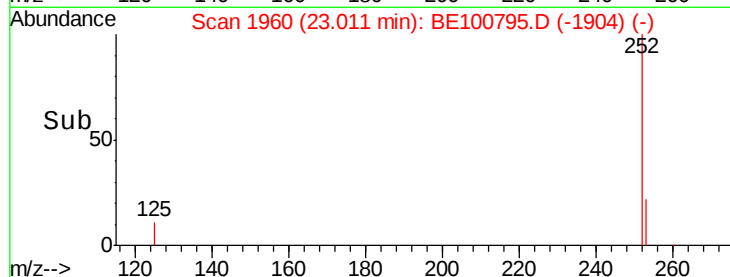
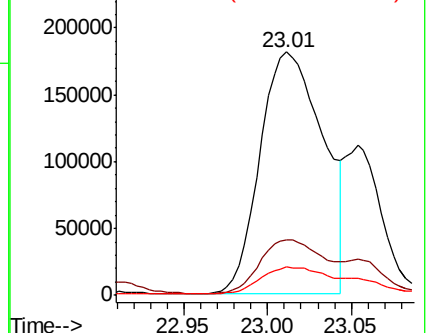
125 11.5 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 2.894 ng

RT: 23.01 min Scan# 1960

Delta R.T. -0.05 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

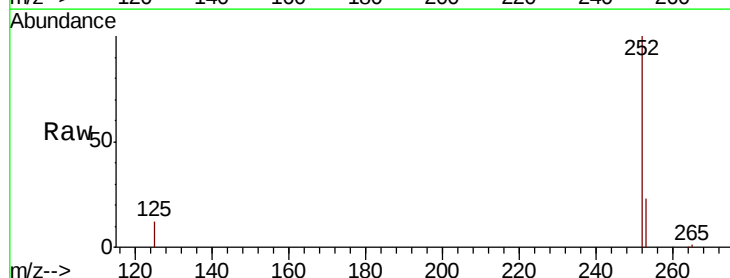
Tgt Ion:252 Resp: 475790

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

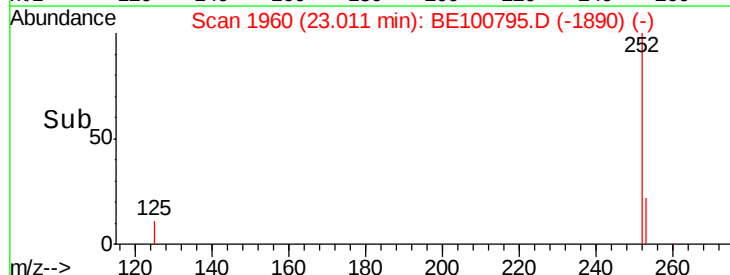
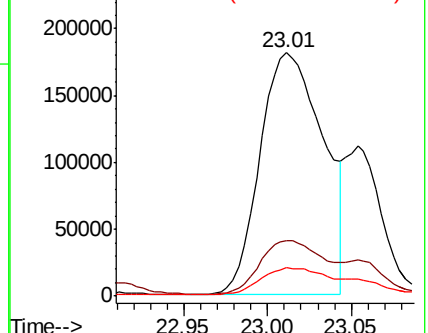
125 11.5 8.7 13.1

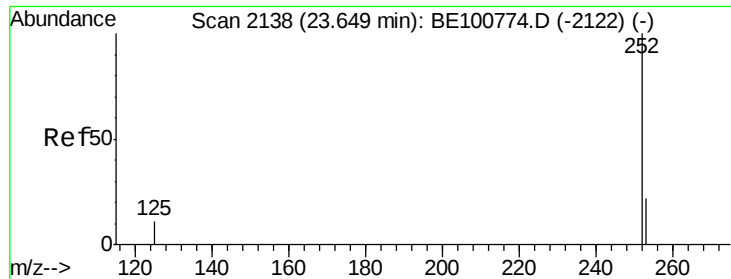


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.946 ng

RT: 23.64 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

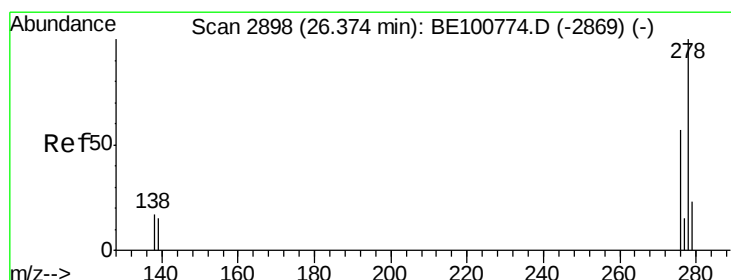
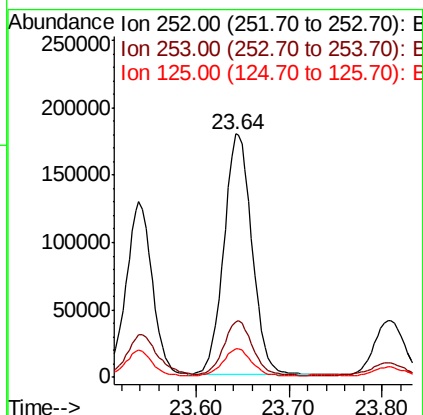
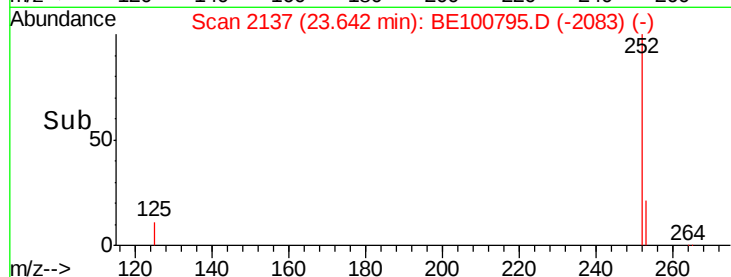
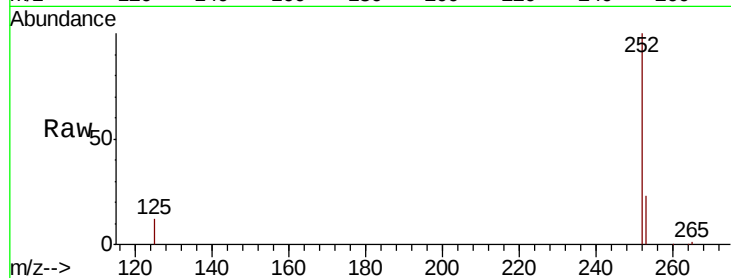
Tot Ion:252 Resp: 373926

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 11.7 10.4 15.6



#38

Dibenzo(a,h)anthracene

Concen: 0.489 ng

RT: 26.35 min Scan# 2892

Delta R.T. -0.03 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

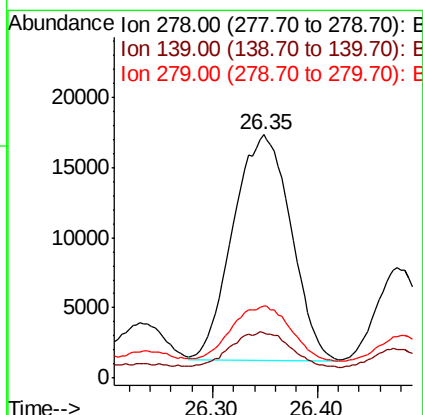
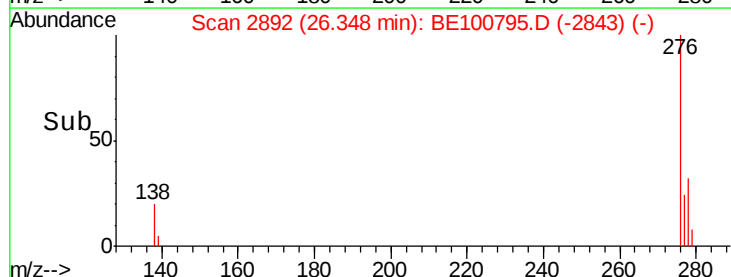
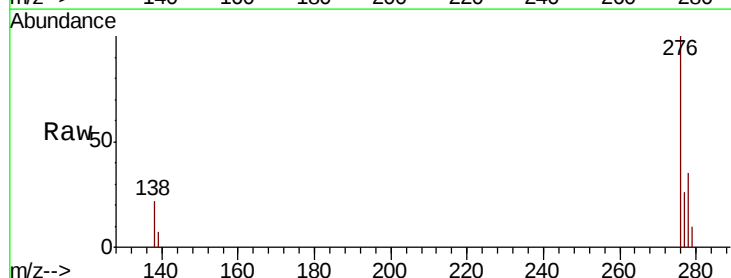
Tgt Ion:278 Resp: 61735

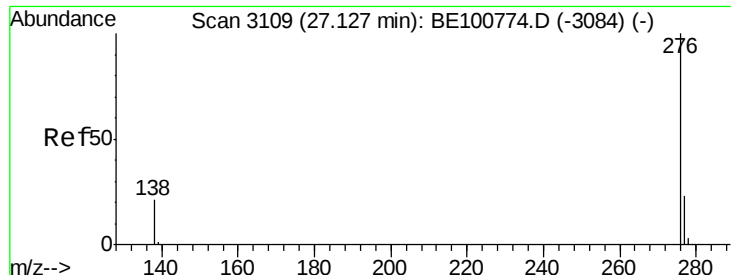
Ion Ratio Lower Upper

278 100

139 18.8 13.0 19.4

279 29.5 19.6 29.4#





#39

Benzo(a,h,i)perylene

Concen: 1.674 ng

RT: 27.12 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BE100795.D

Acq: 5 Dec 2019 18:54

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1DL

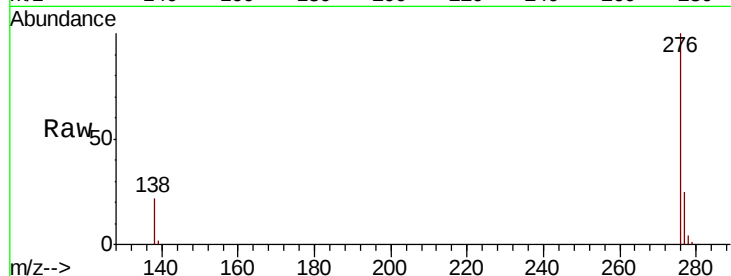
Tot Ion: 276 Resp: 226067

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 22.4 17.8 26.6



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

