

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100783.D
 Acq On : 5 Dec 2019 11:29
 Operator : JU
 Sample : PB125154BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125154BSD

Quant Time: Dec 05 12:49:50 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	7.76	152	7050	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	28675	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13092	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	27038	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	24477	0.40	ng	0.00
34) Perylene-d12	23.75	264	29443	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	6267	0.37	ng	0.00
5) Phenol-d6	6.93	99	10042	0.40	ng	0.00
8) Nitrobenzene-d5	8.90	82	5600	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15370	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	488	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21945	0.42	ng	0.00
25) Fluoranthene-d10	19.16	212	101286	0.32	ng	0.00
29) Terphenyl-d14	19.77	244	21767	0.37	ng	0.00

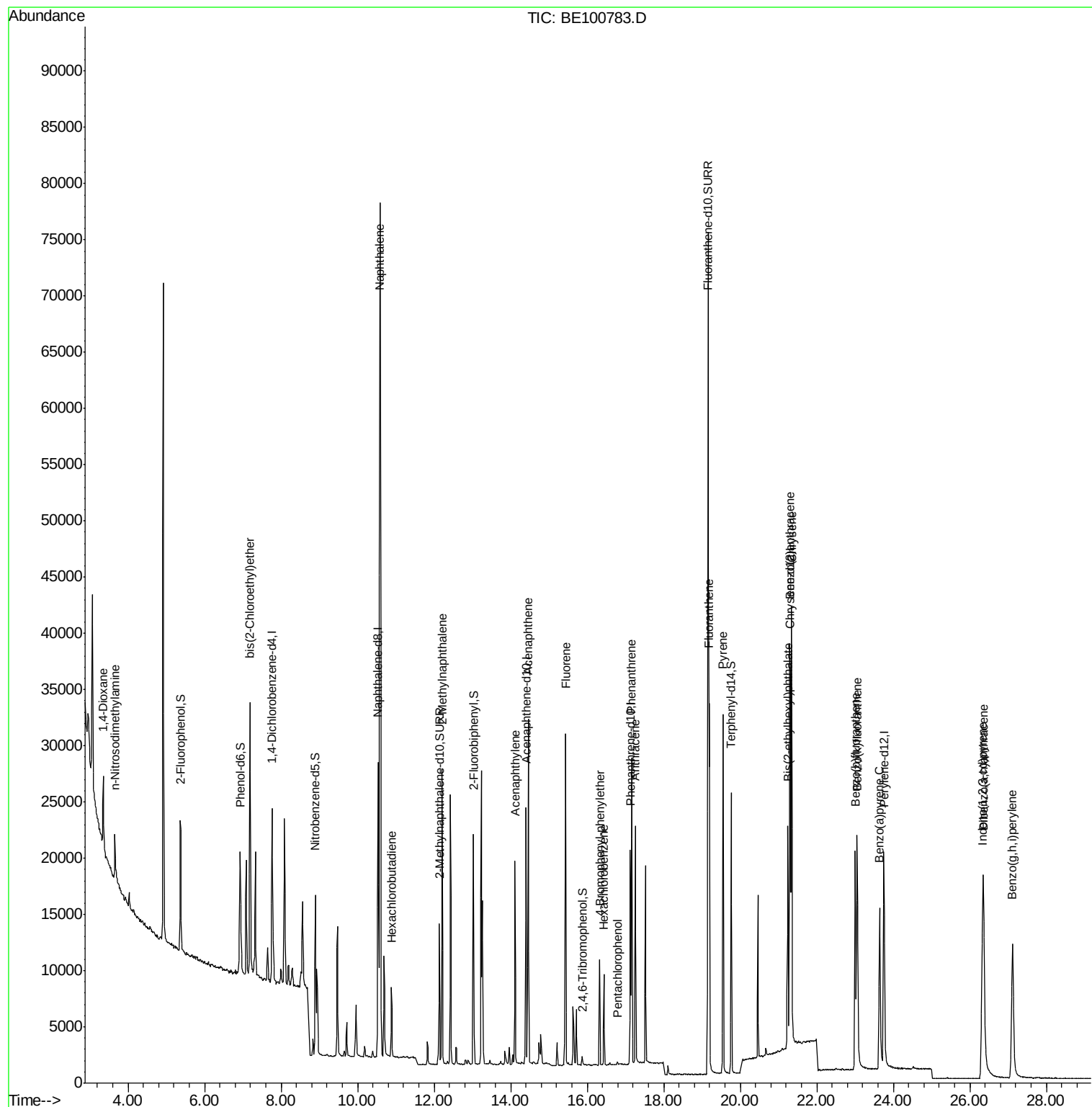
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	3698	0.288	ng	# 6
3) n-Nitrosodimethylamine	3.65	42	3540	0.338	ng	# 80
6) bis(2-Chloroethyl)ether	7.19	93	9134	0.374	ng	96
9) Naphthalene	10.59	128	117882	0.387	ng	100
10) Hexachlorobutadiene	10.89	225	4300	0.362	ng	98
12) 2-Methylnaphthalene	12.21	142	17360	0.365	ng	97
16) Acenaphthylene	14.11	152	19490	0.360	ng	100
17) Acenaphthene	14.46	154	13921	0.373	ng	99
18) Fluorene	15.43	166	17002	0.353	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4713	0.355	ng	95
21) Hexachlorobenzene	16.44	284	5528	0.384	ng	99
22) Pentachlorophenol	16.79	266	185	0.186	ng	90
23) Phenanthrene	17.16	178	30519	0.373	ng	100
24) Anthracene	17.26	178	22858	0.334	ng	98
26) Fluoranthene	19.19	202	30104	0.308	ng	100
28) Pyrene	19.55	202	29898	0.376	ng	99
30) Benzo(a)anthracene	21.29	228	25465	0.353	ng	99
31) Chrysene	21.34	228	32969	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	20254	0.399	ng	100
33) Indeno(1,2,3-cd)pyrene	26.33	276	32509	0.440	ng	100
35) Benzo(b)fluoranthene	23.00	252	29206	0.362	ng	99
36) Benzo(k)fluoranthene	23.06	252	33601	0.372	ng	100
37) Benzo(a)pyrene	23.64	252	25649	0.368	ng	98
38) Dibenzo(a,h)anthracene	26.36	278	27494	0.396	ng	99
39) Benzo(g,h,i)perylene	27.12	276	30866	0.416	ng	99

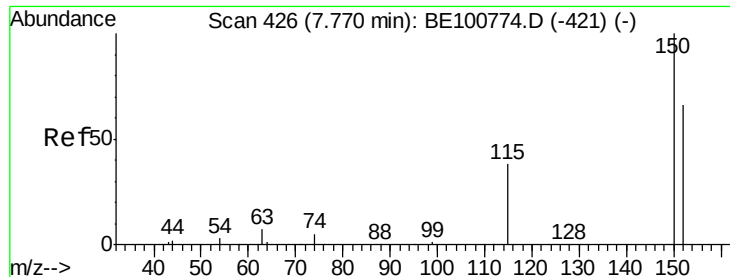
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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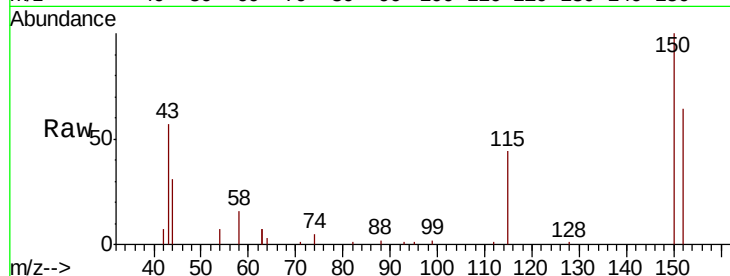


#1

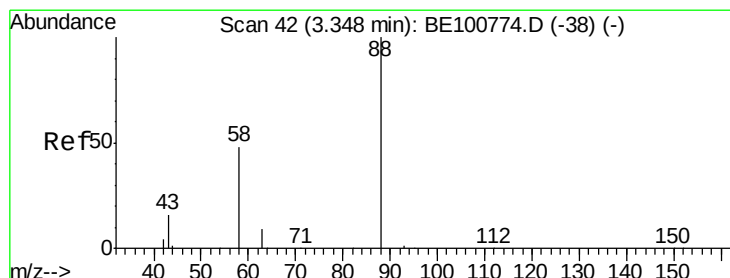
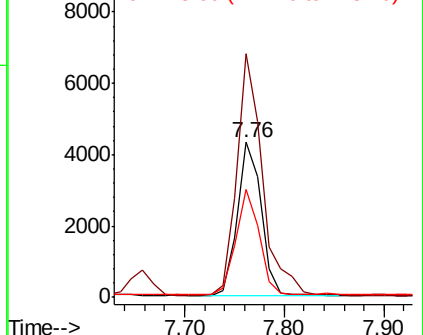
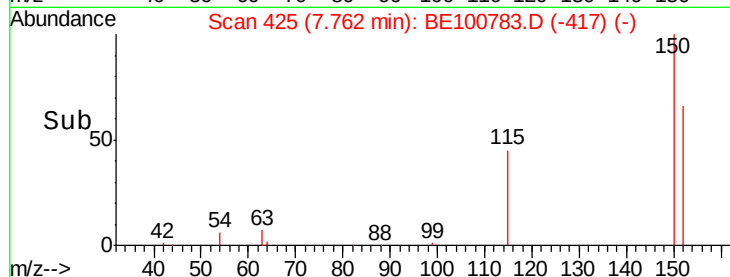
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB125154BSD

Tot Ion:152 Resp: 7050
Ion Ratio Lower Upper
152 100
150 157.1 120.6 181.0
115 69.5 47.4 71.2



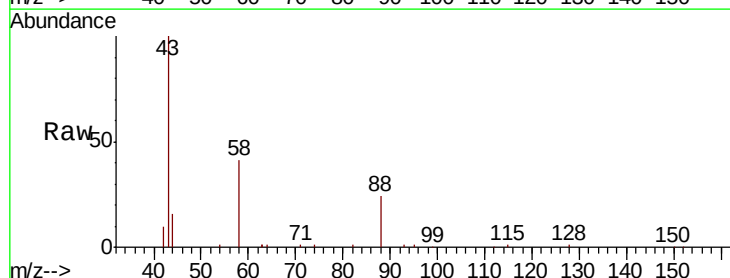
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



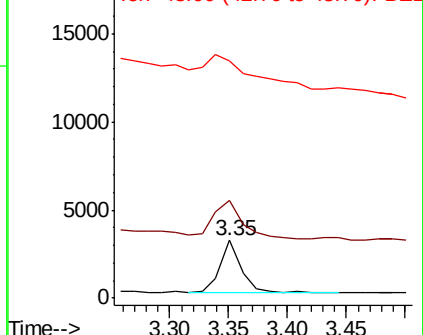
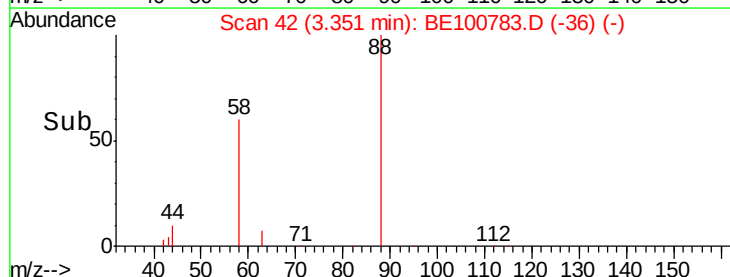
#2

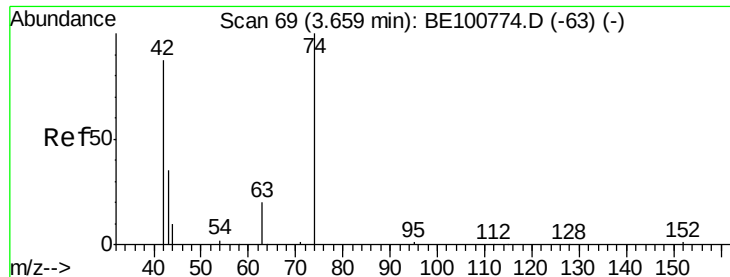
1,4-Dioxane
Concen: 0.288 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

Tgt Ion: 88 Resp: 3698
Ion Ratio Lower Upper
88 100
58 99.9 52.5 78.7#
43 140.3 23.0 34.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.338 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

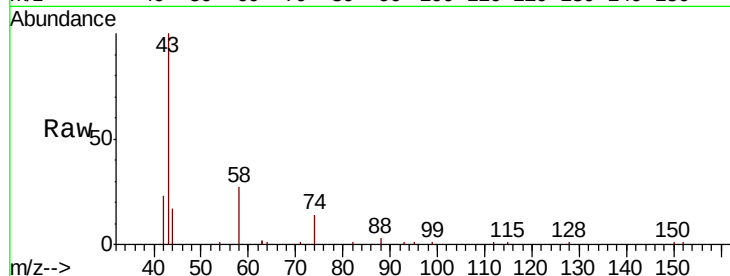
Tot Ion: 42 Resp: 3540

Ion Ratio Lower Upper

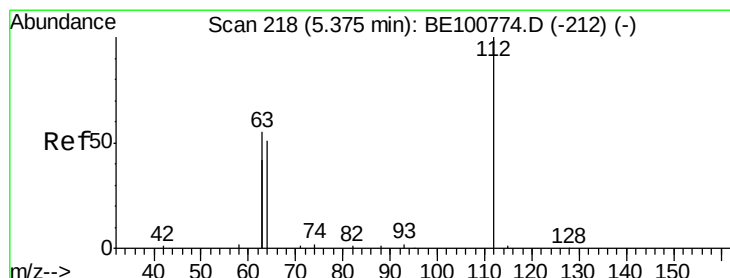
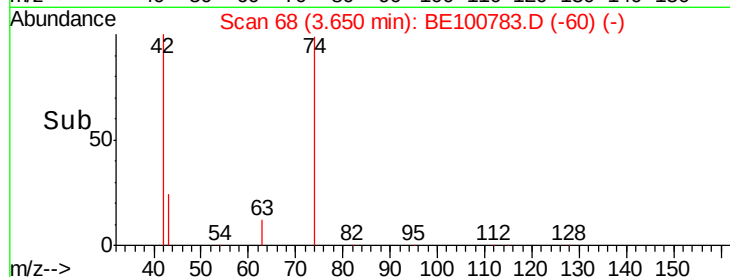
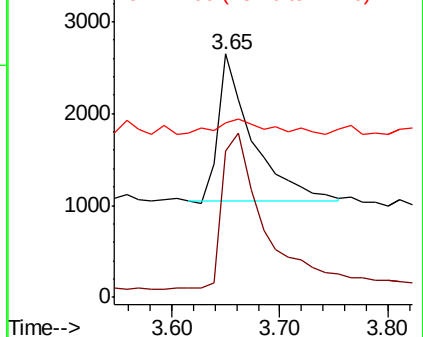
42 100

74 131.6 86.3 129.5#

44 15.5 11.6 17.4



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.375 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

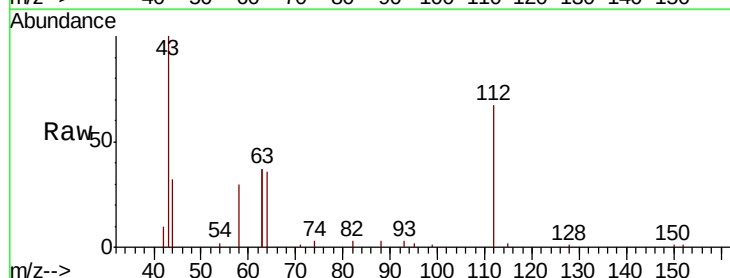
Tgt Ion: 112 Resp: 6267

Ion Ratio Lower Upper

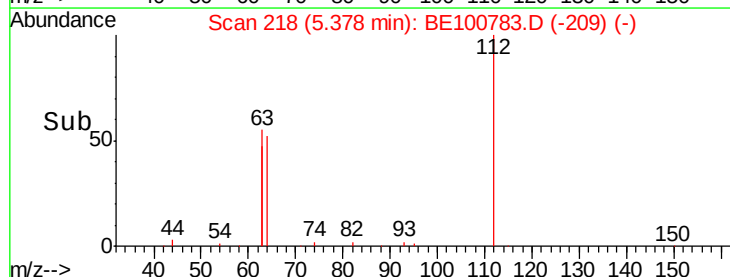
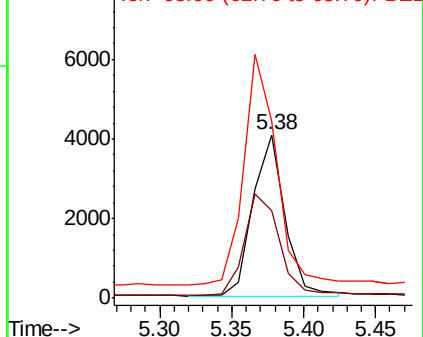
112 100

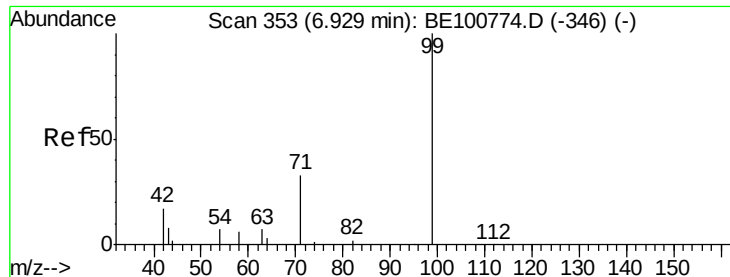
64 68.7 54.1 81.1

63 145.7 113.2 169.8



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





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

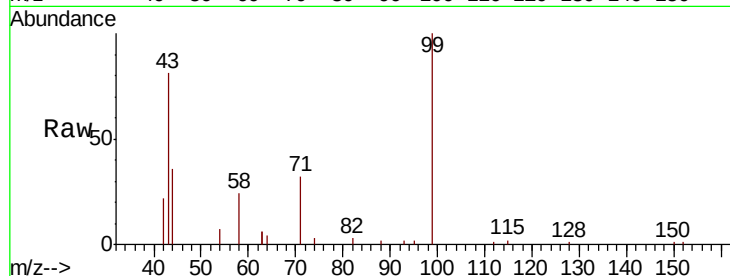
Tot Ion: 99 Resp: 10042

Ion Ratio Lower Upper

99 100

42 23.9 19.1 28.7

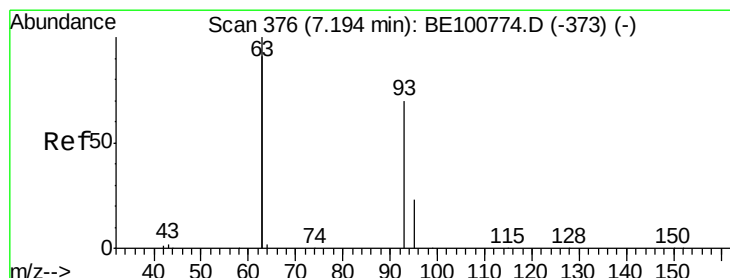
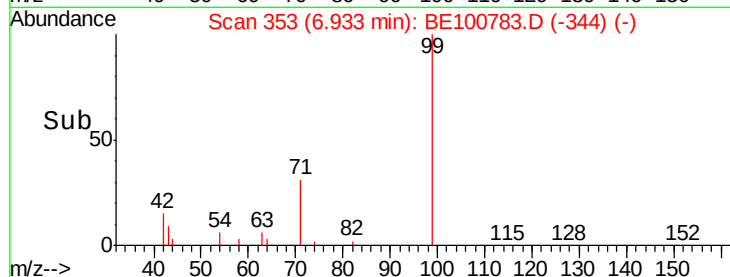
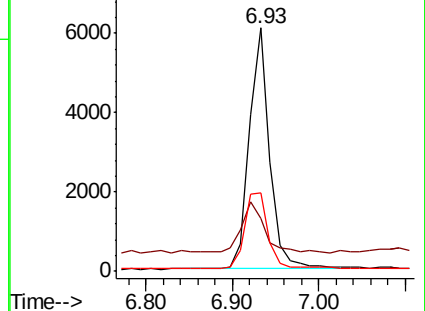
71 36.6 27.7 41.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

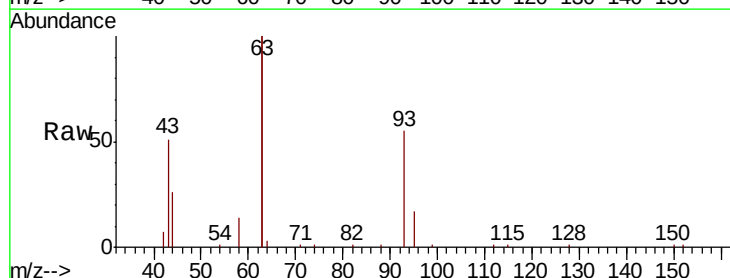
Tgt Ion: 93 Resp: 9134

Ion Ratio Lower Upper

93 100

63 315.8 259.4 389.0

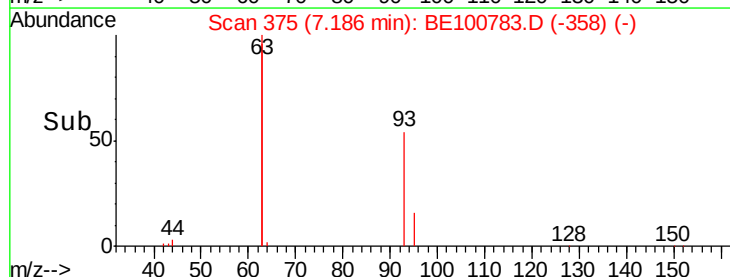
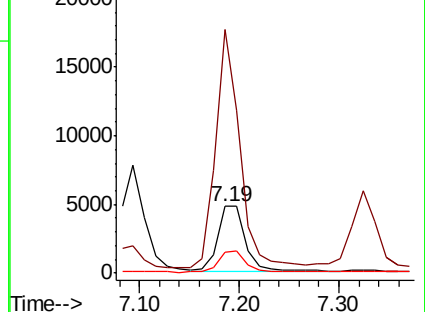
95 32.0 26.2 39.2

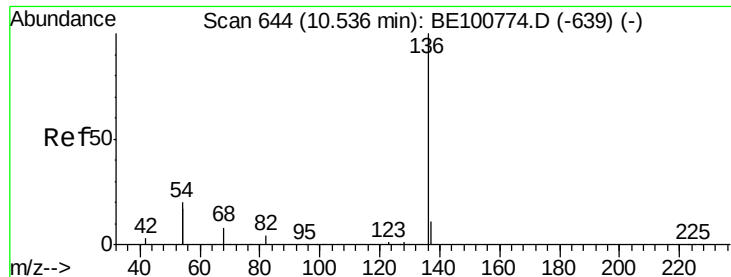


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

Tot Ion:136 Resp: 28675

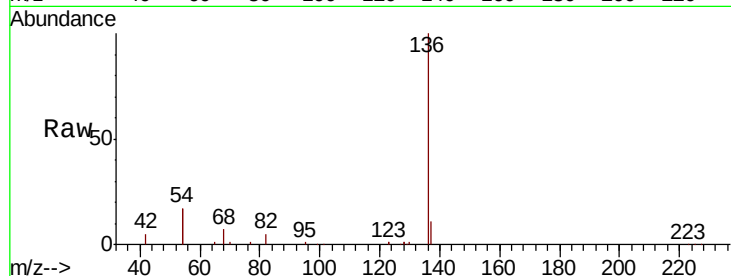
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 33.3 31.1 46.7

68 7.3 6.6 10.0

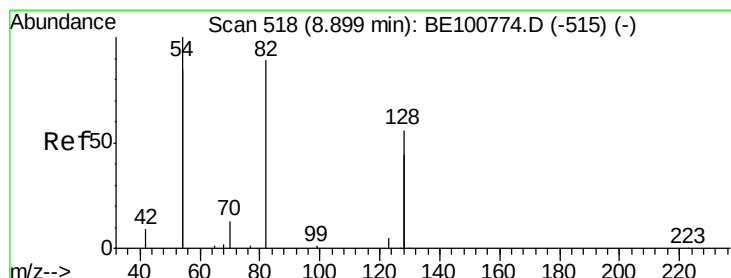
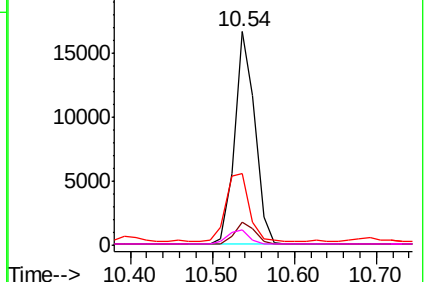
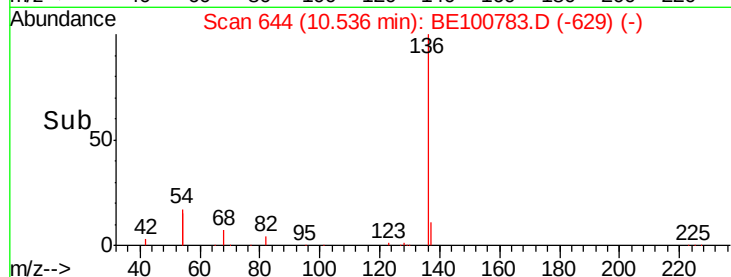


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

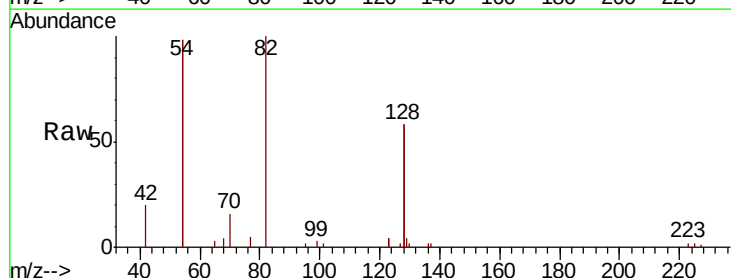
Tgt Ion: 82 Resp: 5600

Ion Ratio Lower Upper

82 100

128 115.7 97.0 145.4

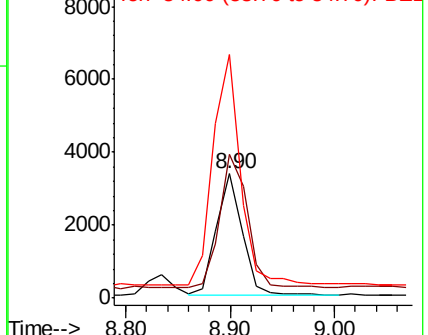
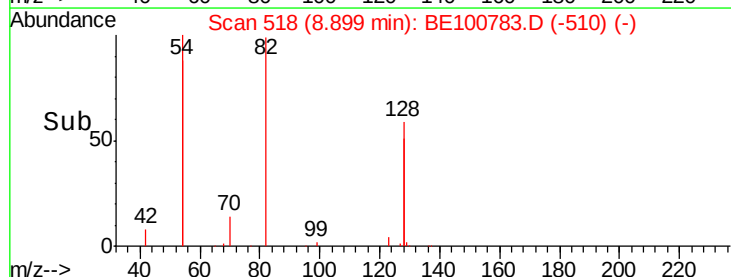
54 196.1 171.8 257.6

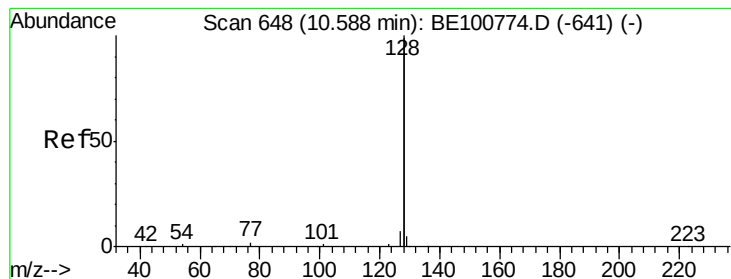


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.387 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

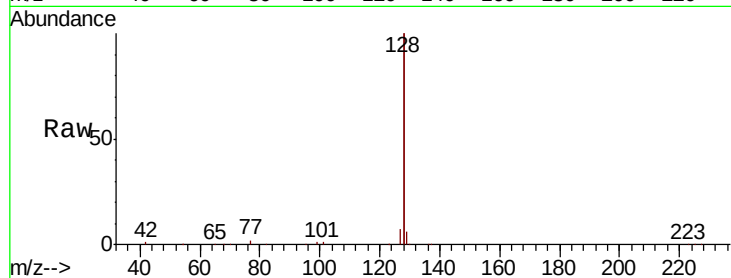
Tot Ion:128 Resp: 117882

Ion Ratio Lower Upper

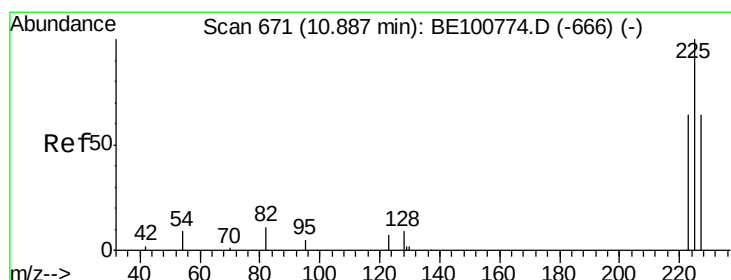
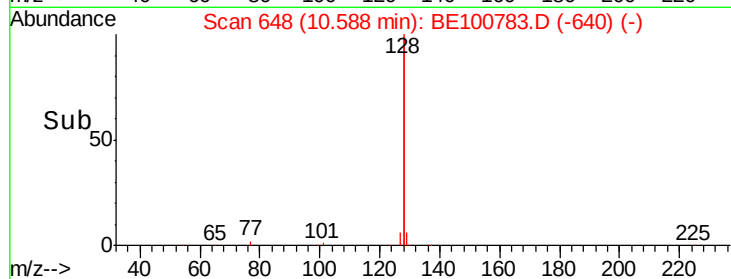
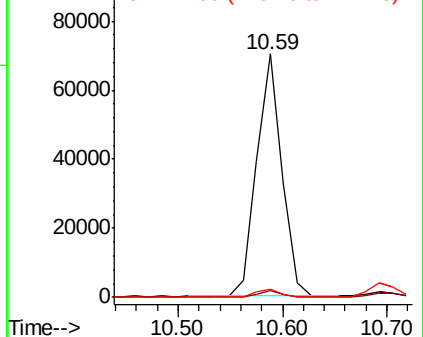
128 100

129 2.9 2.2 3.4

127 3.3 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.362 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

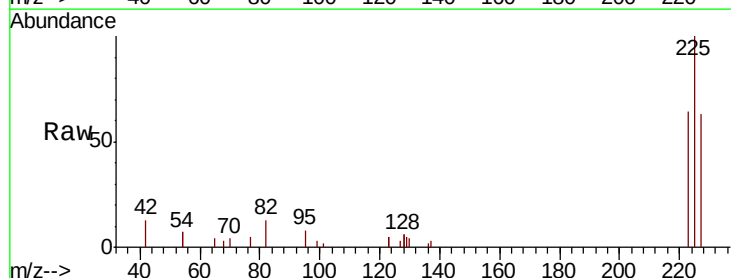
Tgt Ion:225 Resp: 4300

Ion Ratio Lower Upper

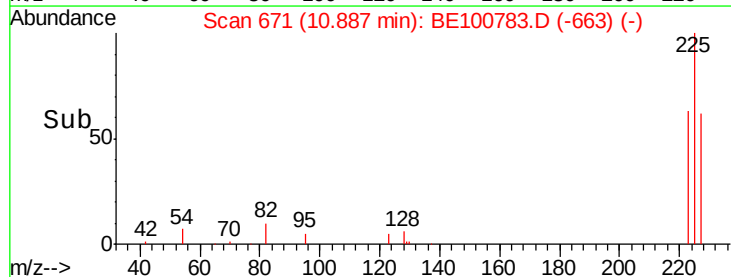
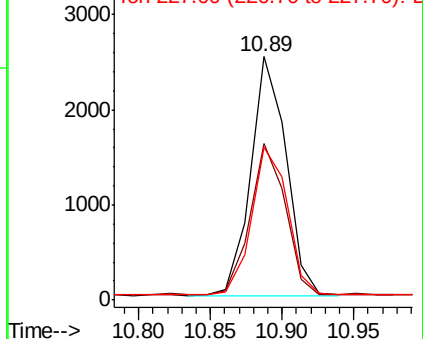
225 100

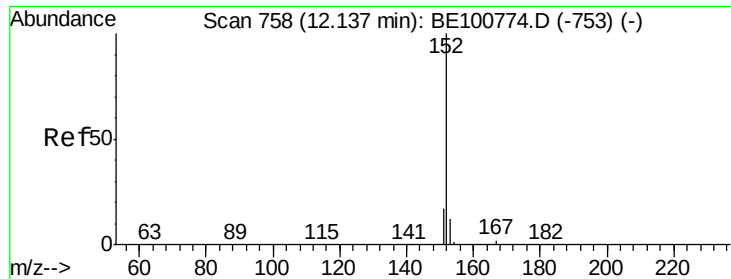
223 63.0 49.9 74.9

227 63.1 52.2 78.4



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

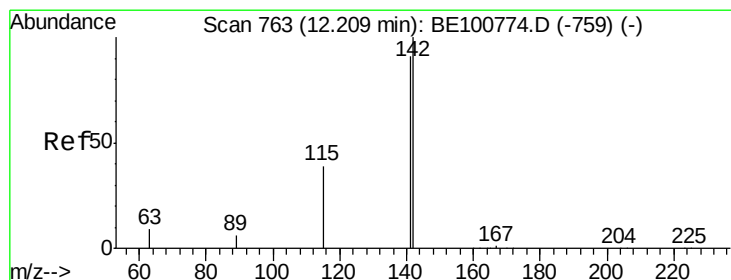
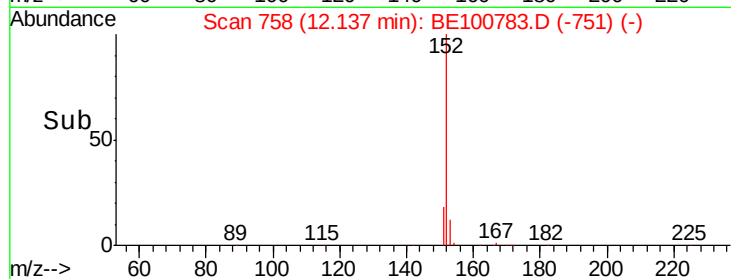
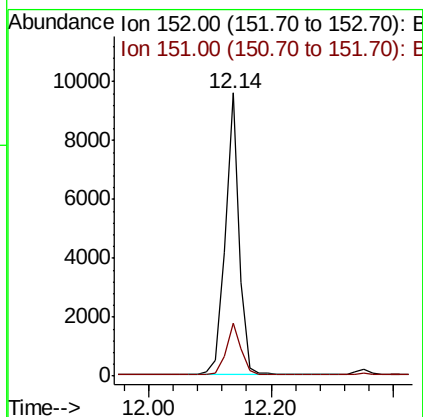
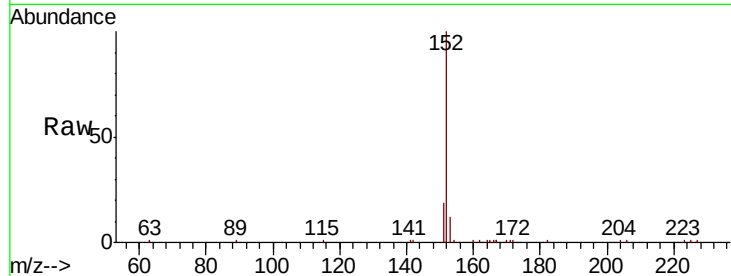




#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100783.D
 Acq: 5 Dec 2019 11:29

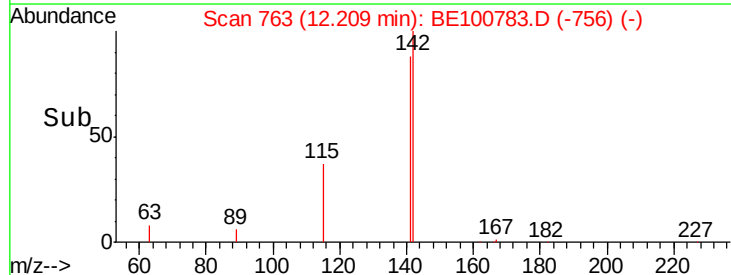
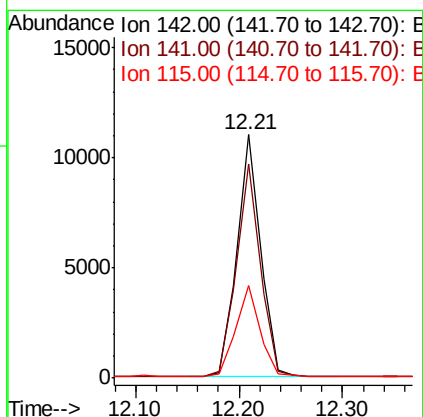
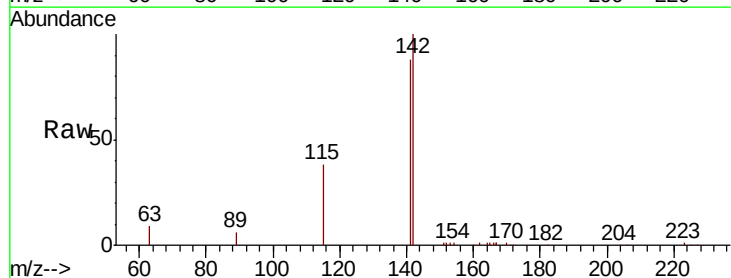
Instrument :
 BNA_E
 ClientSampleId :
 PB125154BSD

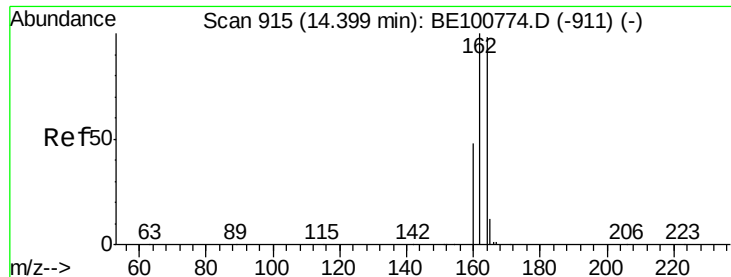
Tot Ion:152 Resp: 15370
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.365 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100783.D
 Acq: 5 Dec 2019 11:29

Tgt Ion:142 Resp: 17360
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.6 108.8
 115 38.1 31.8 47.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

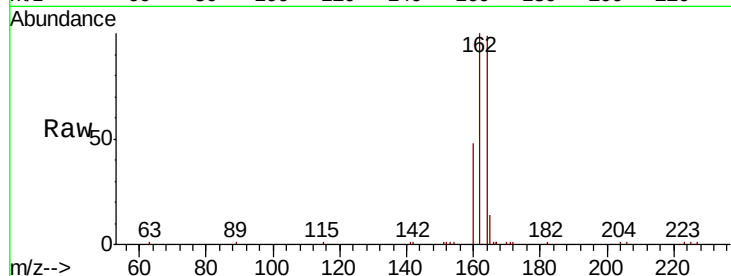
Tot Ion:164 Resp: 13092

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

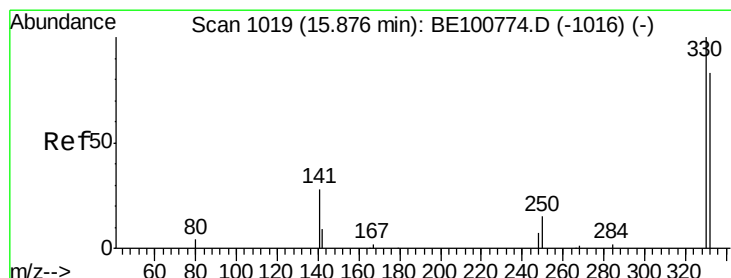
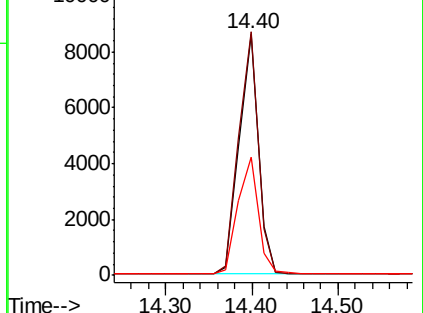
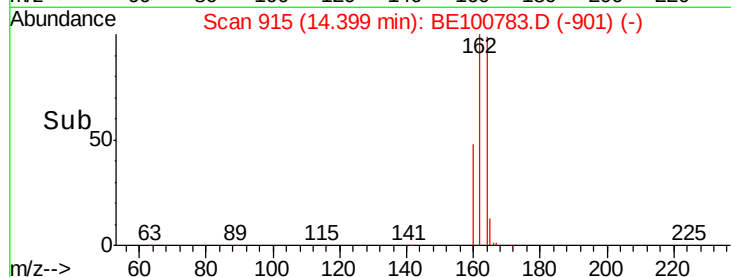
160 48.7 39.4 59.0



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: 0.335 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

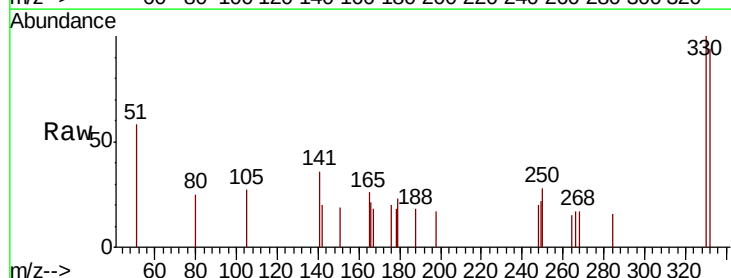
Tgt Ion:330 Resp: 488

Ion Ratio Lower Upper

330 100

332 96.3 69.4 104.2

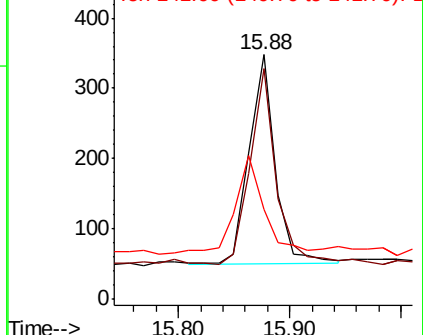
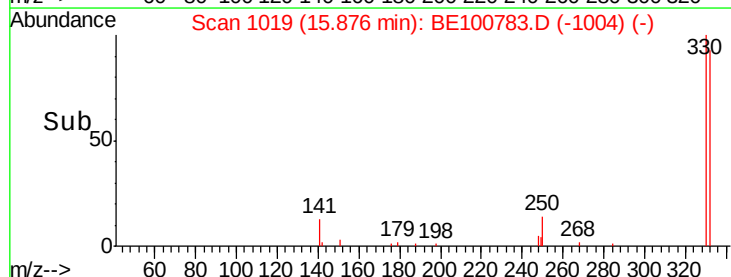
141 52.0 51.1 76.7

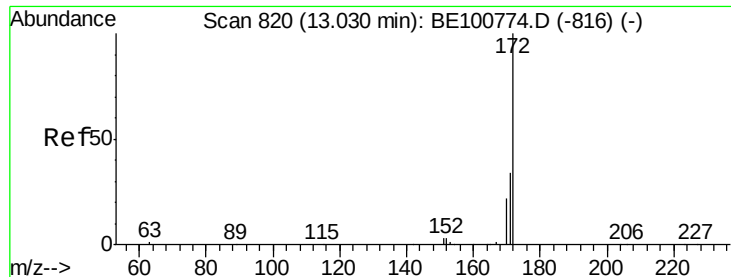


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

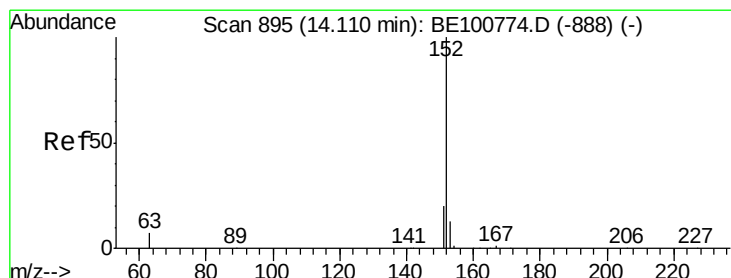
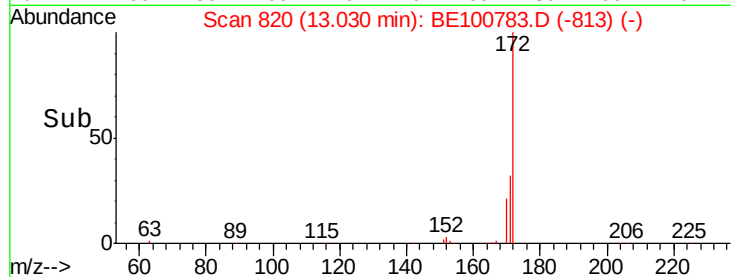
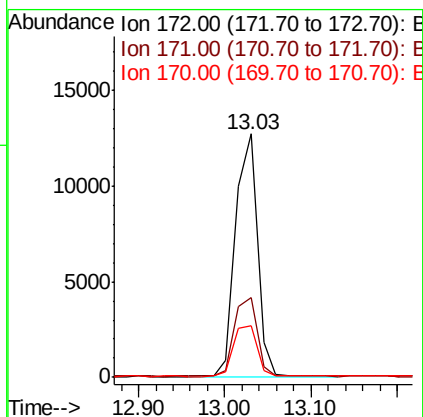
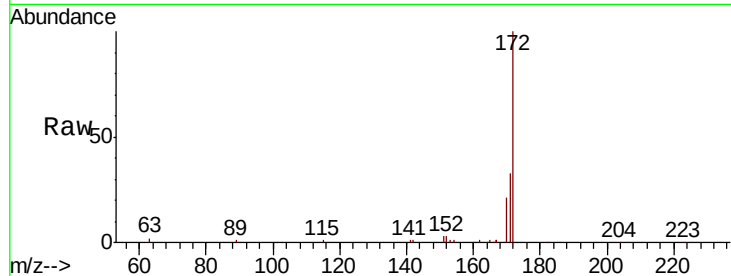




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

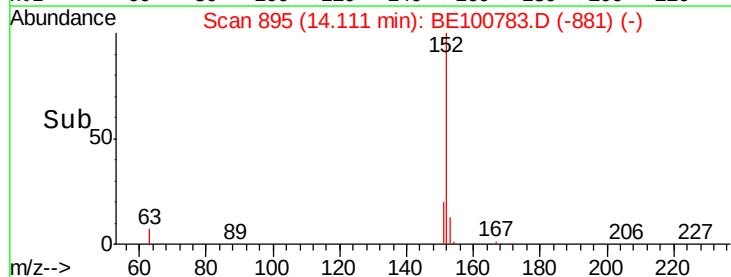
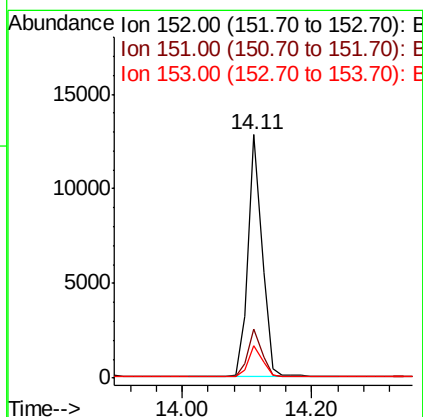
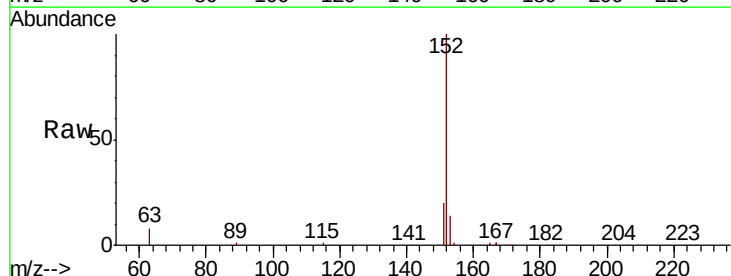
Instrument :
BNA_E
ClientSampleId :
PB125154BSD

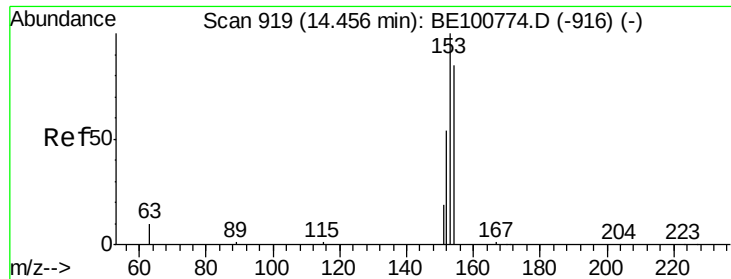
Tot Ion:172 Resp: 21945
Ion Ratio Lower Upper
172 100
171 32.6 27.2 40.8
170 21.4 18.0 27.0



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

Tgt Ion:152 Resp: 19490
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.4 15.6

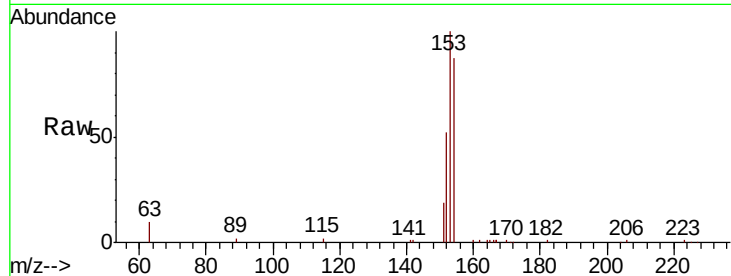




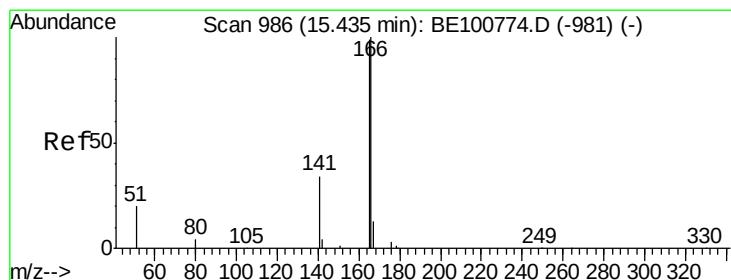
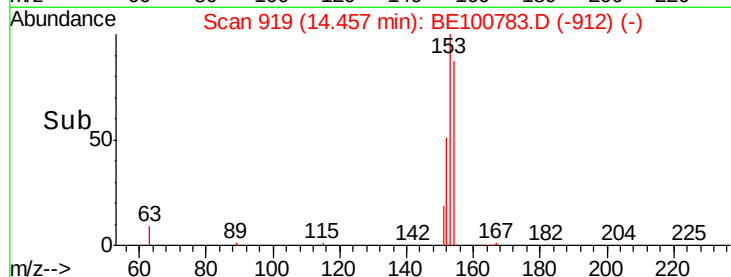
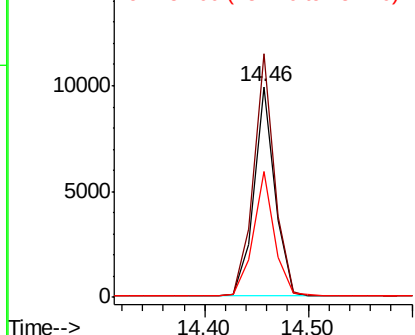
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PB125154BSD

Tot Ion:154 Resp: 13921
Ion Ratio Lower Upper
154 100
153 116.3 92.2 138.2
152 60.2 49.1 73.7

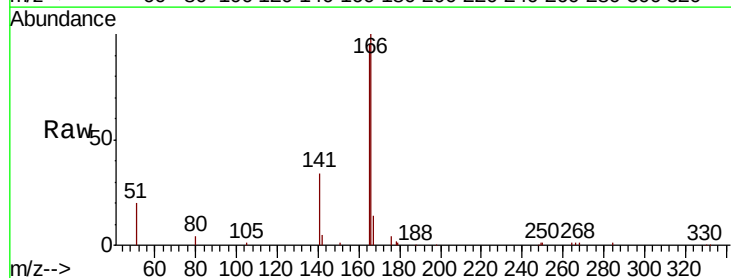


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

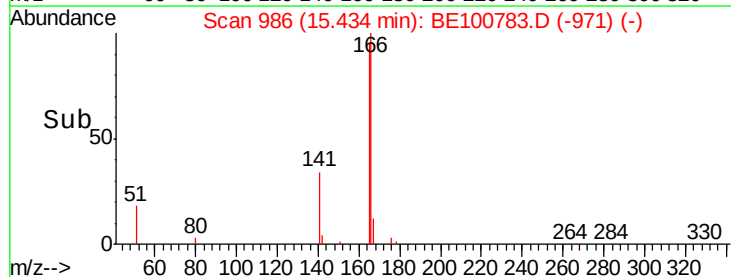
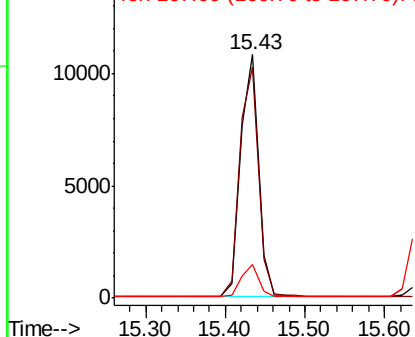


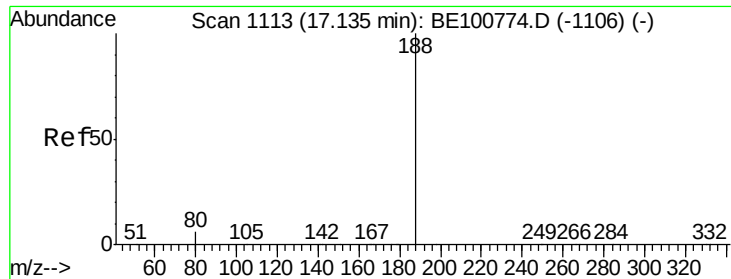
#18
Fluorene
Concen: 0.353 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

Tgt Ion:166 Resp: 17002
Ion Ratio Lower Upper
166 100
165 99.0 80.5 120.7
167 13.0 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# 1112

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

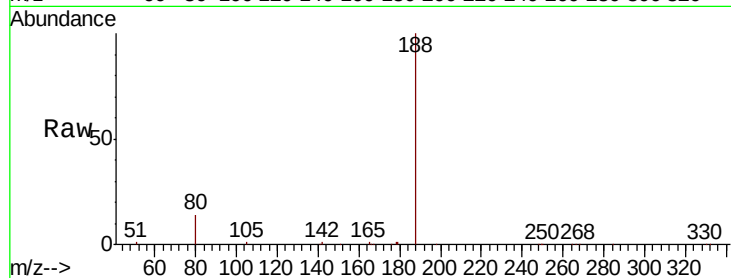
Tot Ion:188 Resp: 27038

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

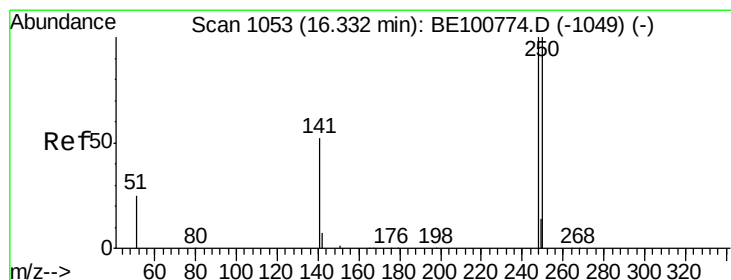
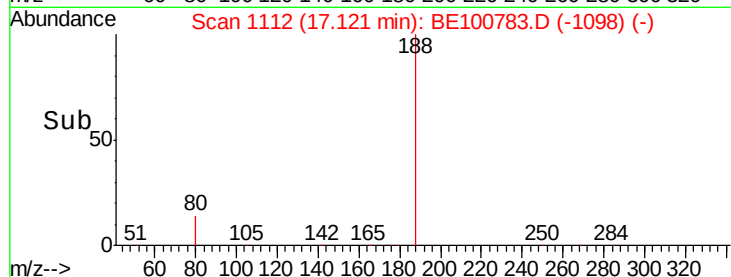
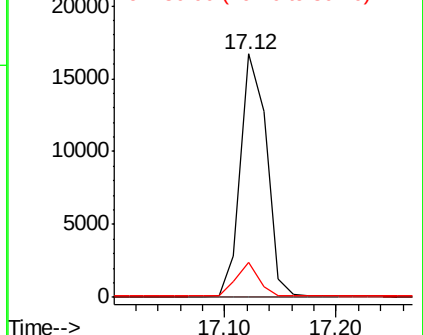
80 14.3 5.2 7.8#



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



#20

4-Bromophenyl-phenylether

Concen: 0.355 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

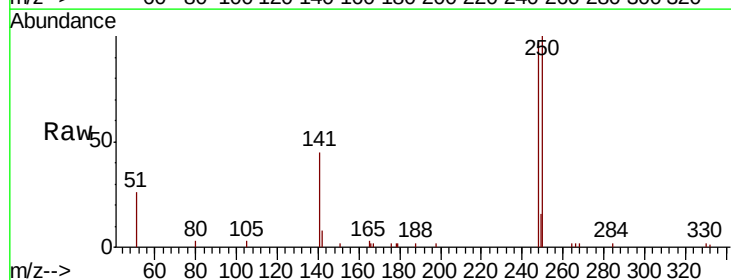
Tgt Ion:248 Resp: 4713

Ion Ratio Lower Upper

248 100

250 103.1 80.5 120.7

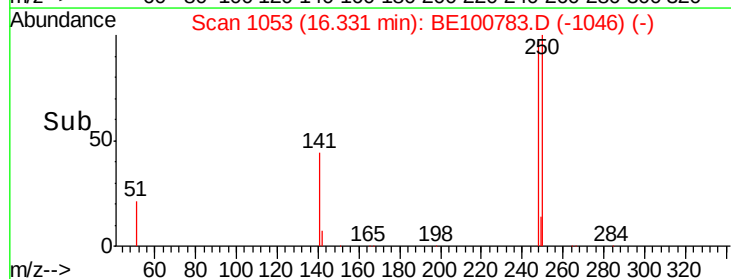
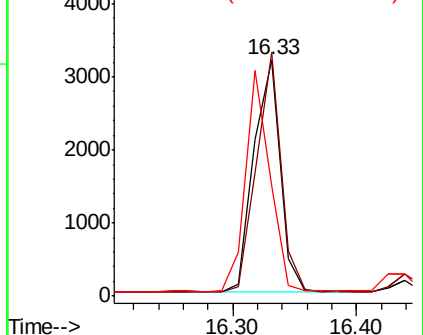
141 46.9 42.6 64.0

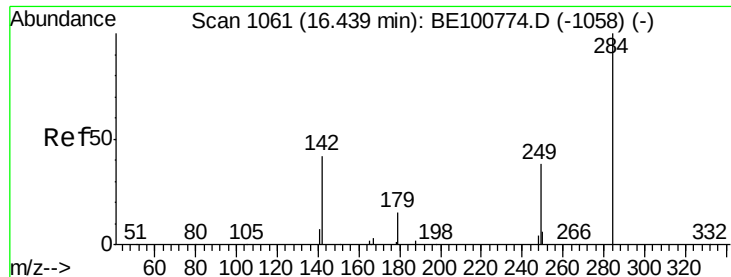


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

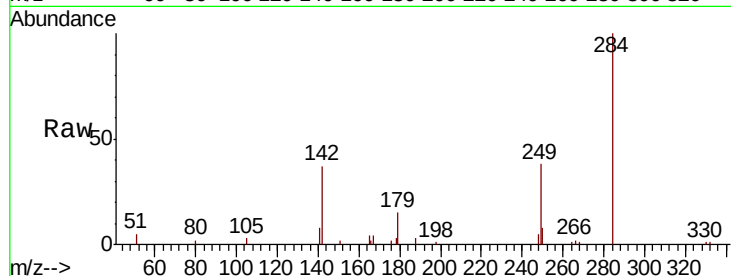
Tot Ion:284 Resp: 5528

Ion Ratio Lower Upper

284 100

142 42.3 34.4 51.6

249 35.6 28.5 42.7

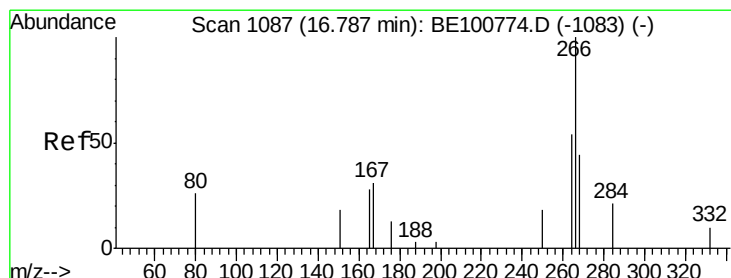
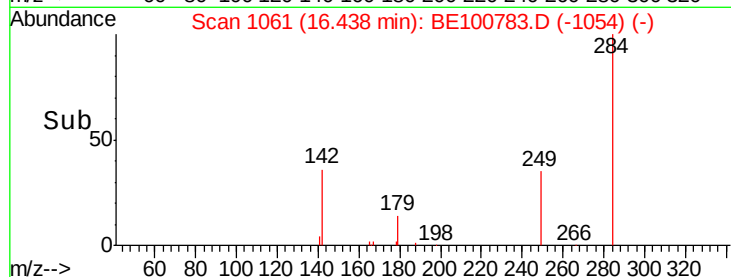
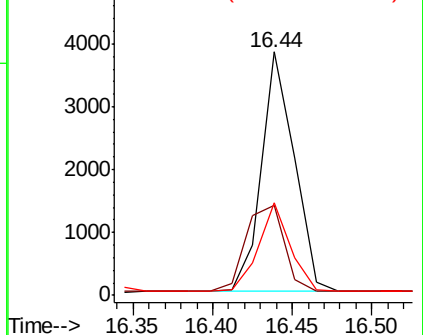


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.186 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

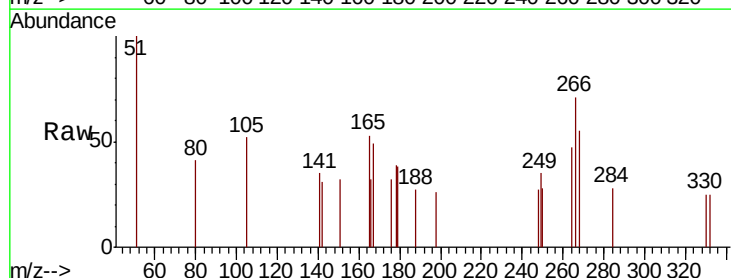
Tgt Ion:266 Resp: 185

Ion Ratio Lower Upper

266 100

264 66.0 63.4 95.0

268 77.8 65.8 98.8

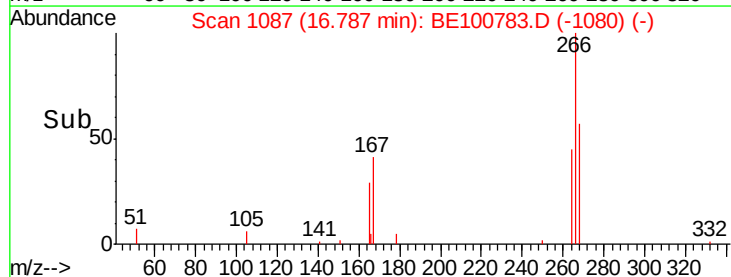
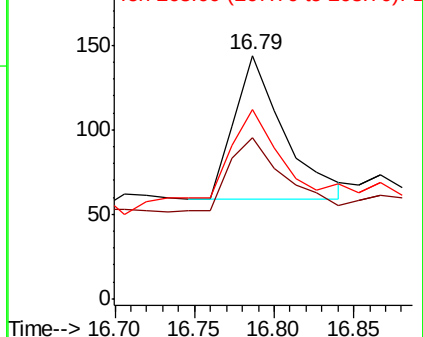


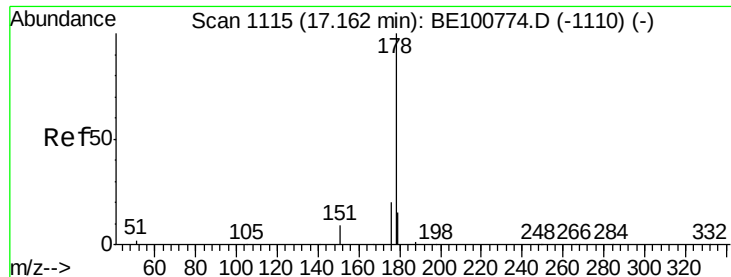
Abundance

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: 0.373 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

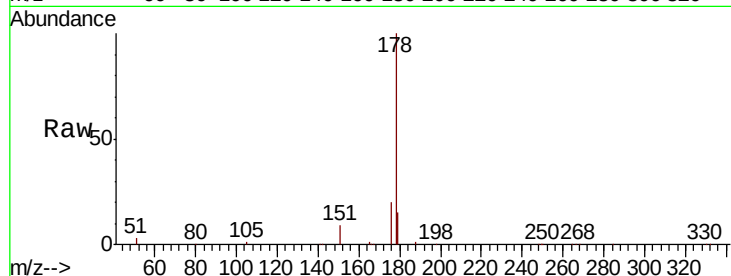
Tot Ion:178 Resp: 30519

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

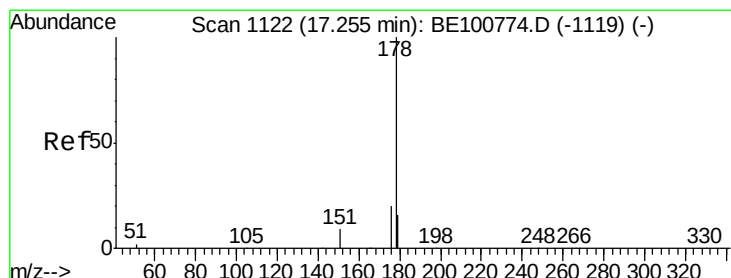
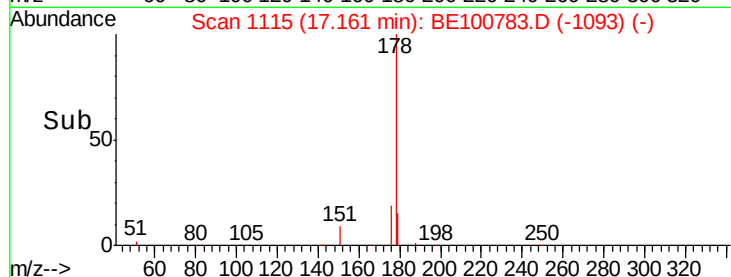
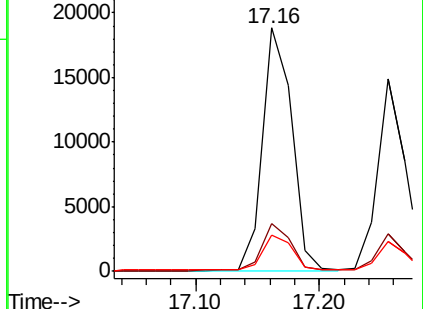
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.334 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

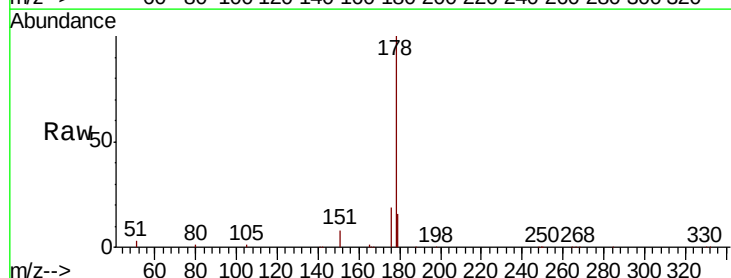
Tgt Ion:178 Resp: 22858

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

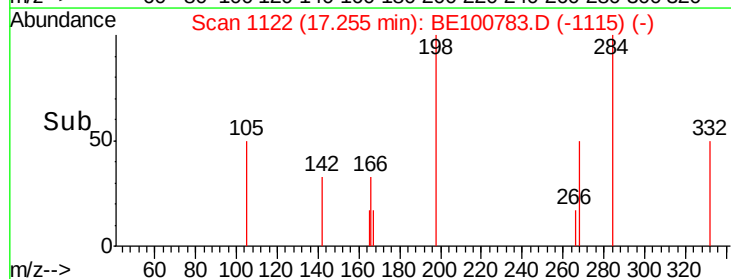
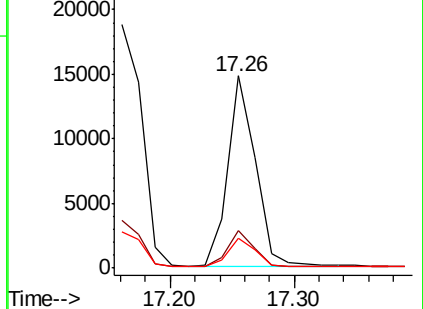
179 15.2 12.7 19.1

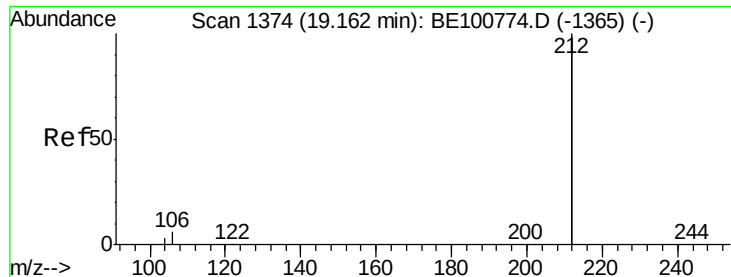


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

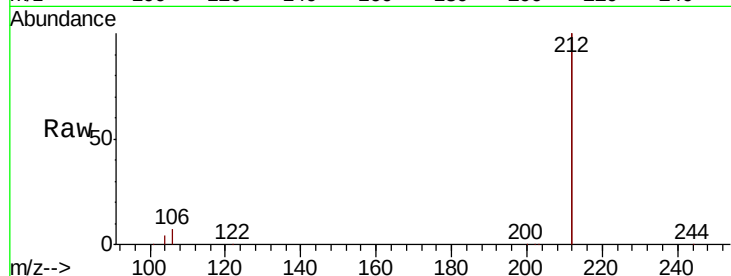
Tot Ion:212 Resp: 101286

Ion Ratio Lower Upper

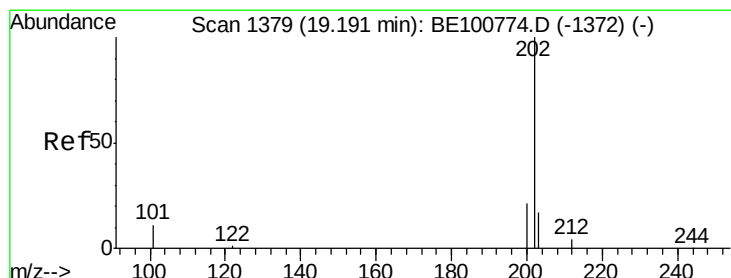
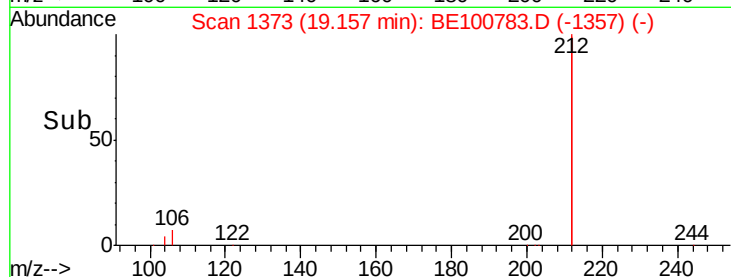
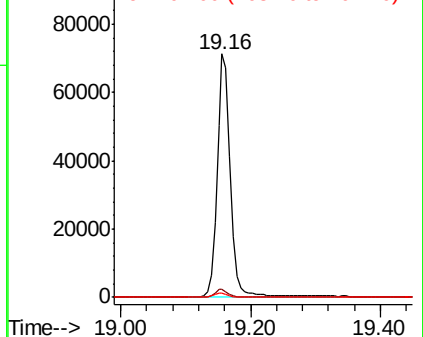
212 100

106 3.3 2.6 3.8

104 1.8 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.308 ng

RT: 19.19 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

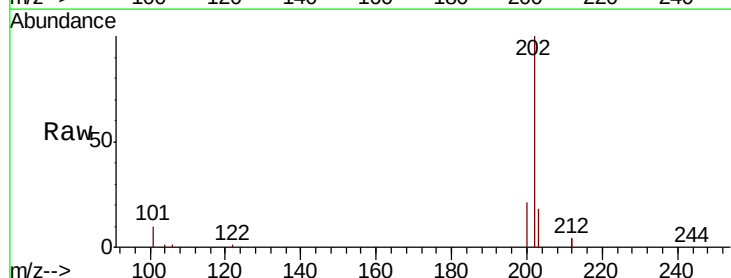
Tgt Ion:202 Resp: 30104

Ion Ratio Lower Upper

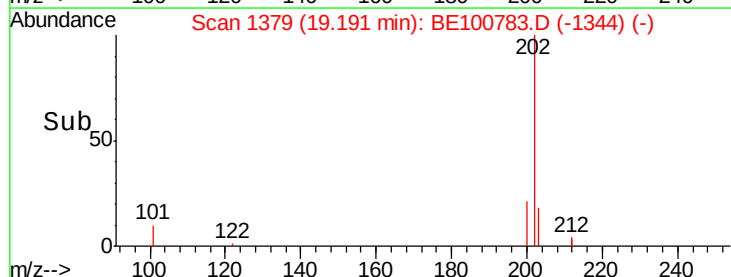
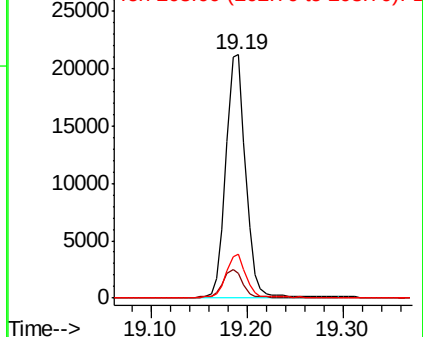
202 100

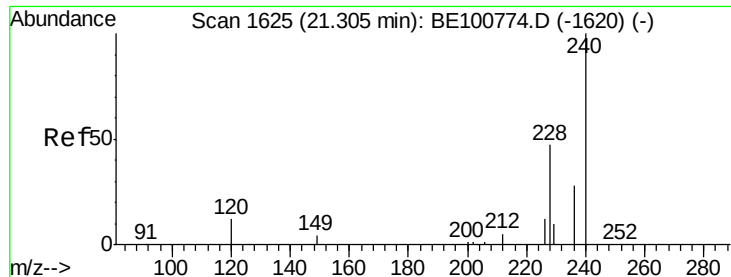
101 11.8 9.1 13.7

203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

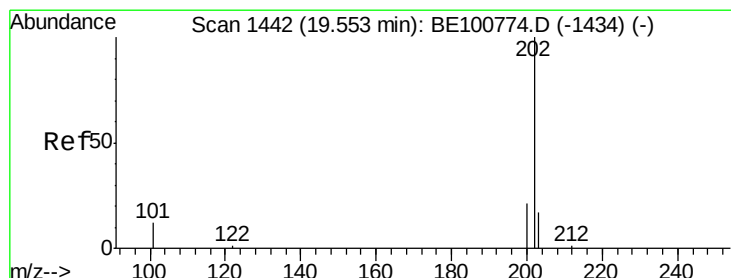
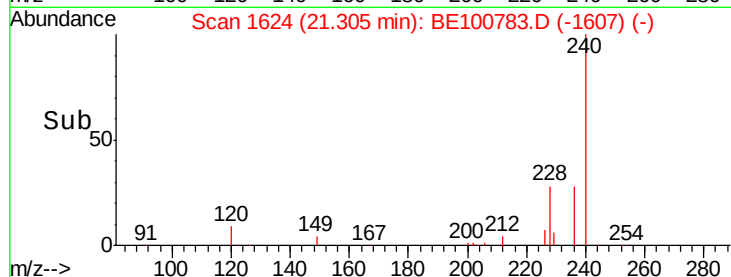
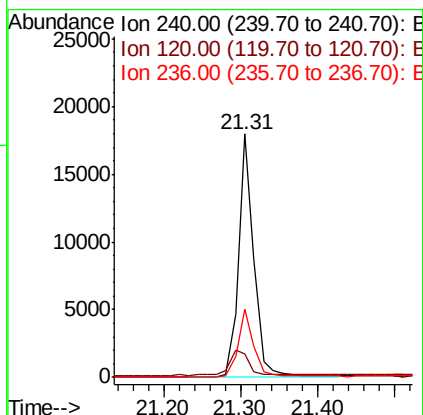
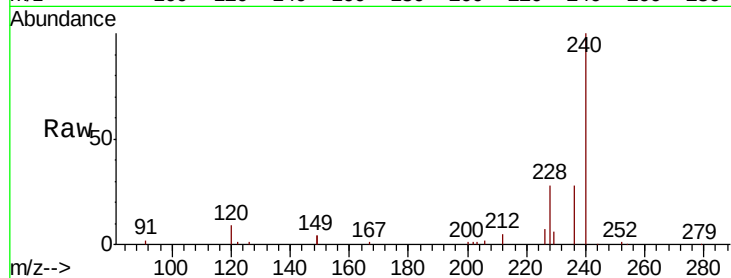




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

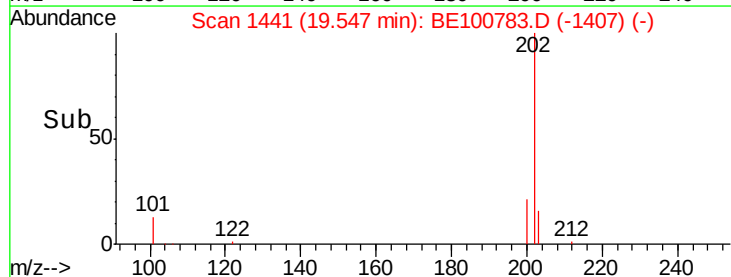
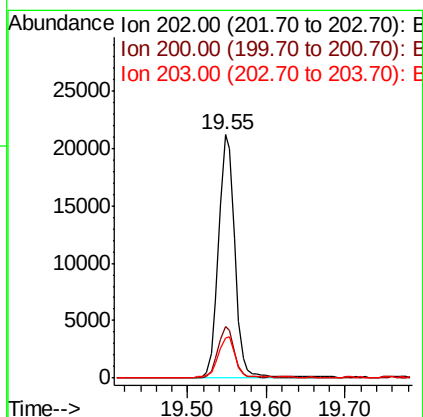
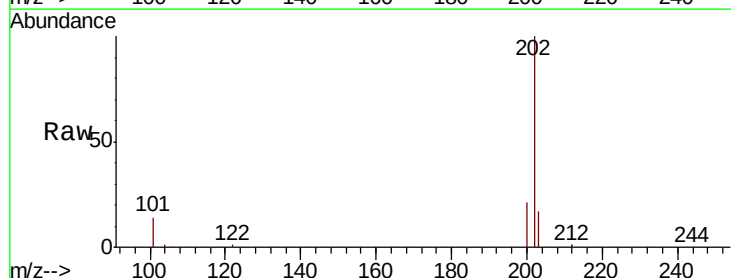
Instrument :
BNA_E
ClientSampleId :
PB125154BSD

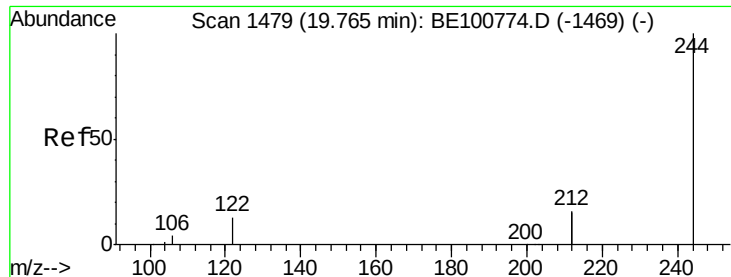
Tot Ion:240 Resp: 24477
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.2#
236 28.2 22.3 33.5



#28
Pyrene
Concen: 0.376 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100783.D
Acq: 5 Dec 2019 11:29

Tgt Ion:202 Resp: 29898
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 19.77 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

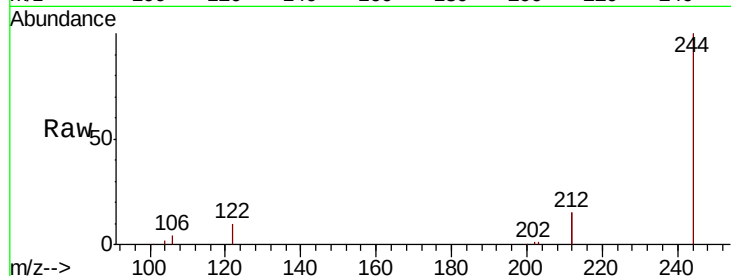
Tot Ion:244 Resp: 21767

Ion Ratio Lower Upper

244 100

212 30.4 26.2 39.4

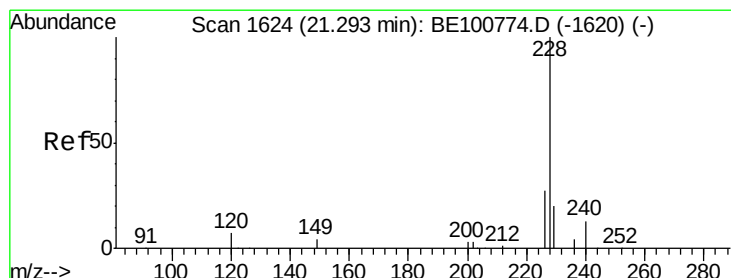
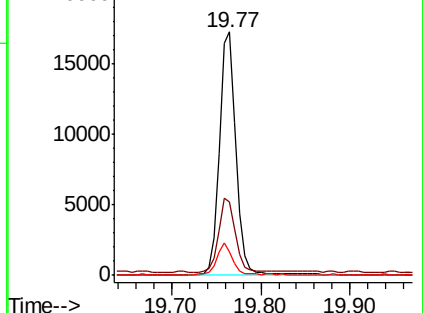
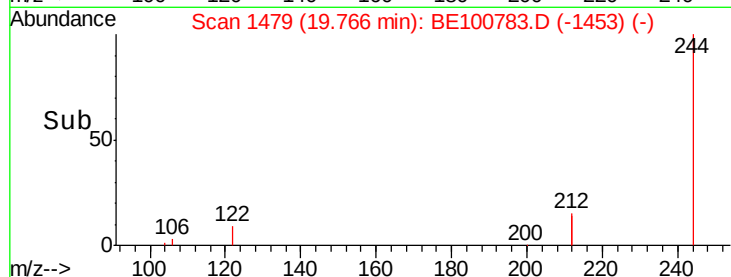
122 9.7 10.2 15.4#



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: 0.353 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

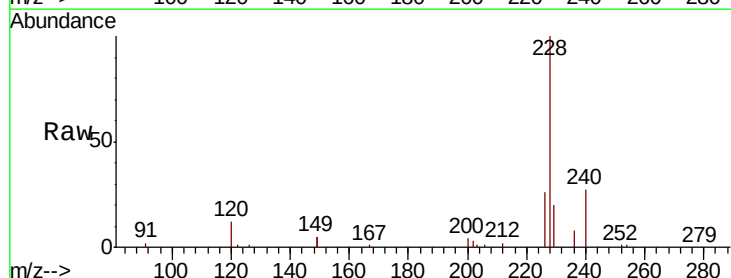
Tgt Ion:228 Resp: 25465

Ion Ratio Lower Upper

228 100

226 26.4 21.5 32.3

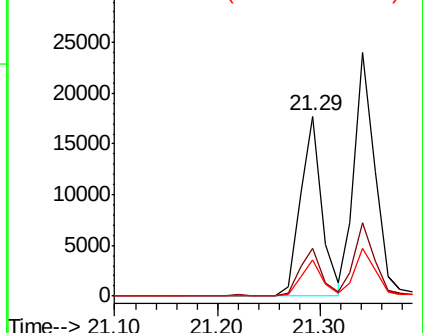
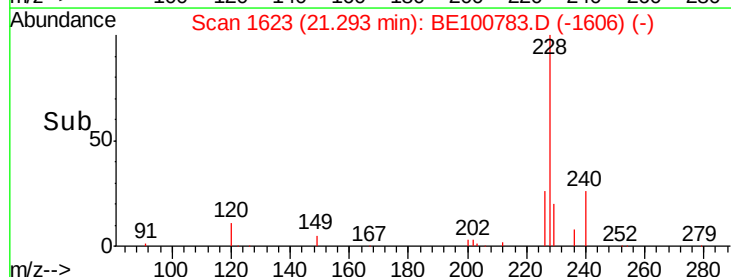
229 19.8 16.0 24.0

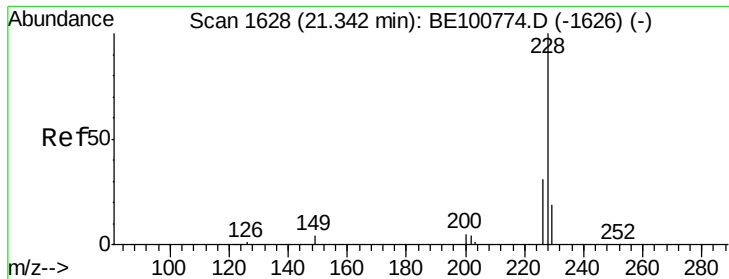


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

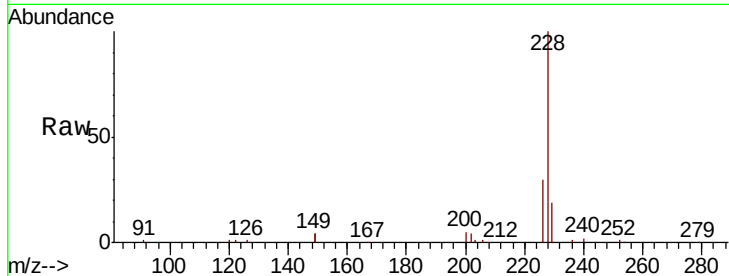
Tot Ion:228 Resp: 32969

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

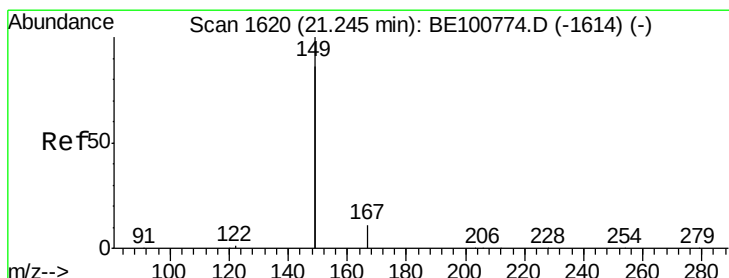
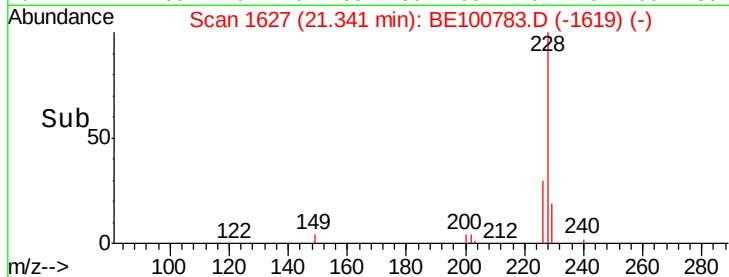
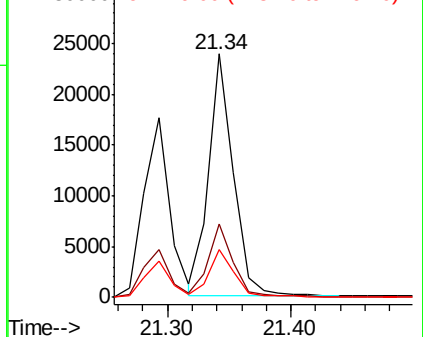
229 19.5 15.4 23.2



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: 0.399 ng

RT: 21.24 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

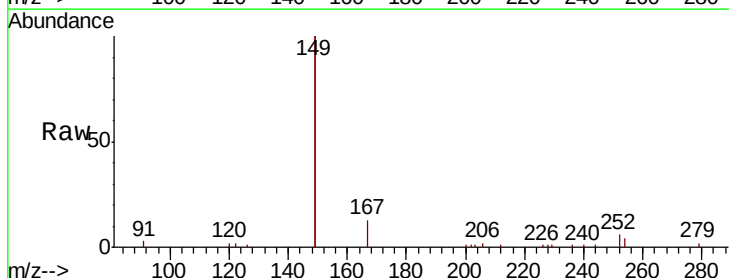
Tgt Ion:149 Resp: 20254

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.6

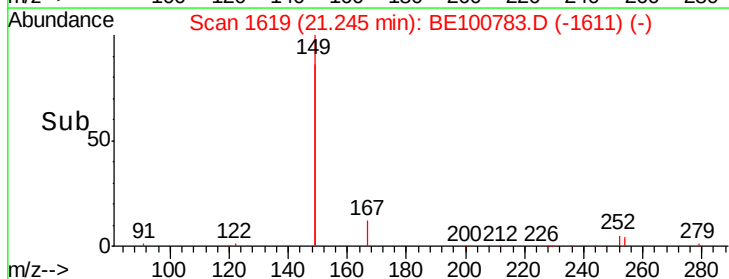
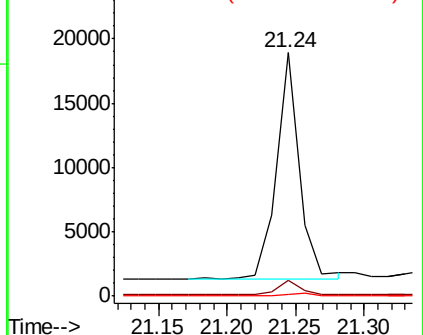
279 0.8 0.7 1.1

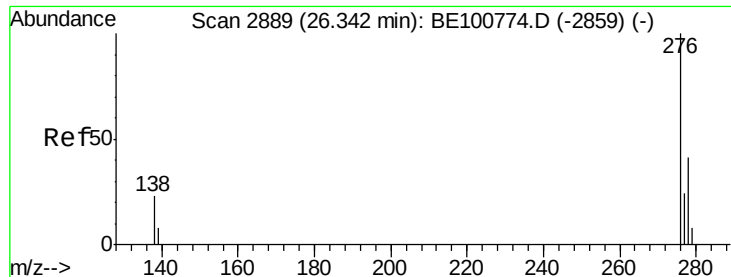


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.440 ng

RT: 26.33 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

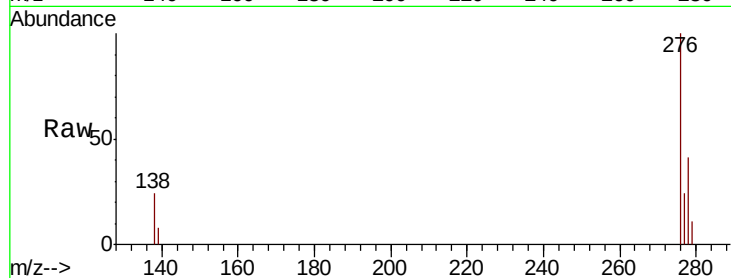
Tot Ion:276 Resp: 32509

Ion Ratio Lower Upper

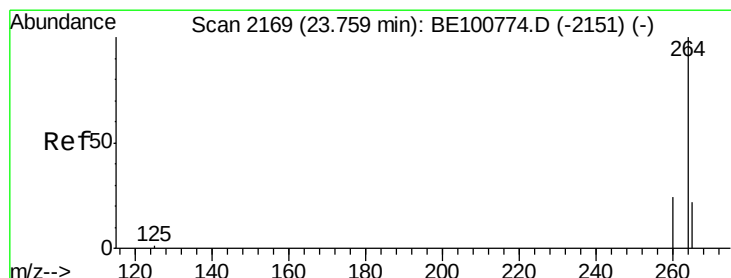
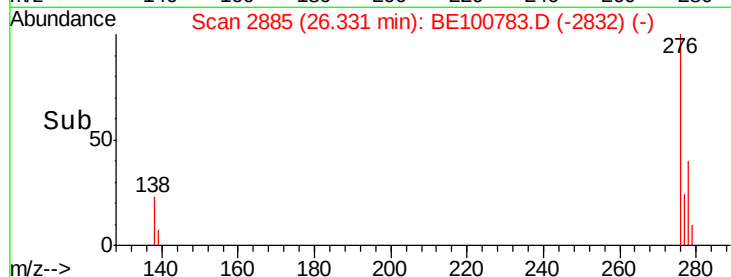
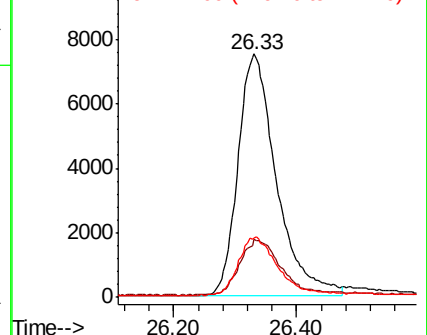
276 100

138 24.5 19.4 29.0

277 24.6 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# 2167

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

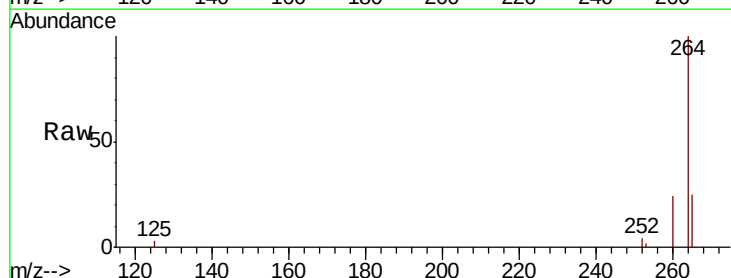
Tgt Ion:264 Resp: 29443

Ion Ratio Lower Upper

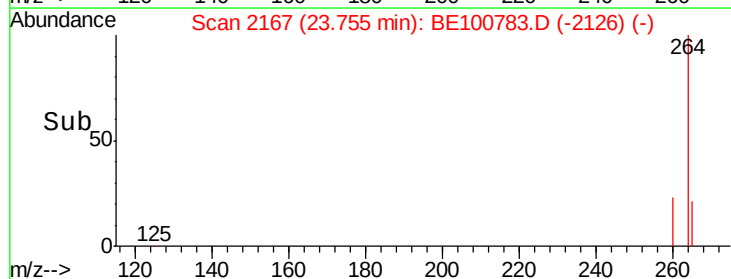
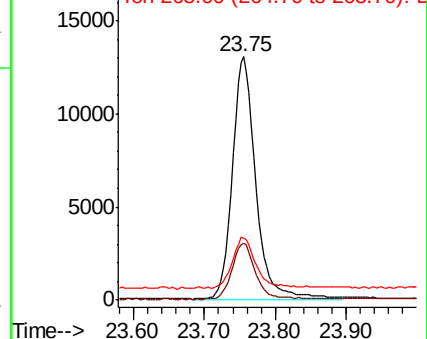
264 100

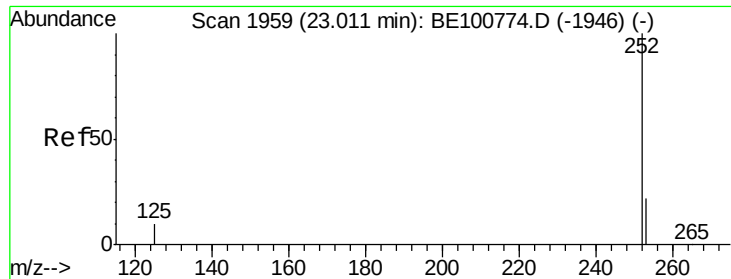
260 23.5 19.4 29.2

265 25.4 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: 0.362 ng

RT: 23.00 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

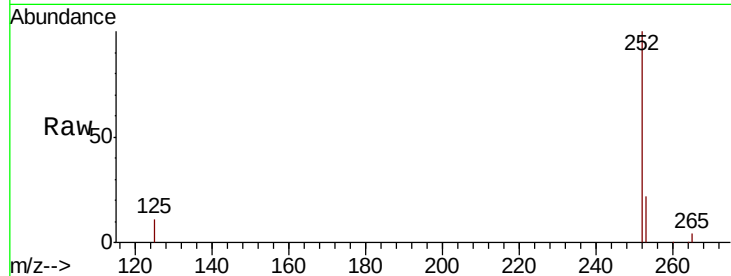
Tot Ion:252 Resp: 29206

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

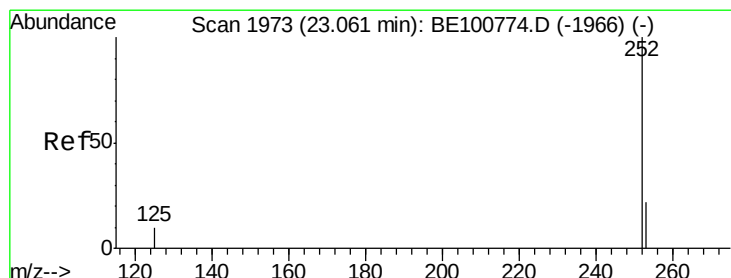
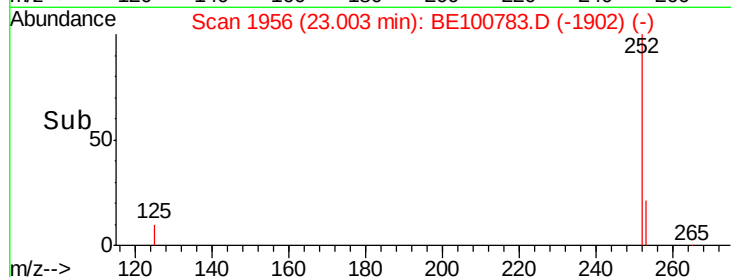
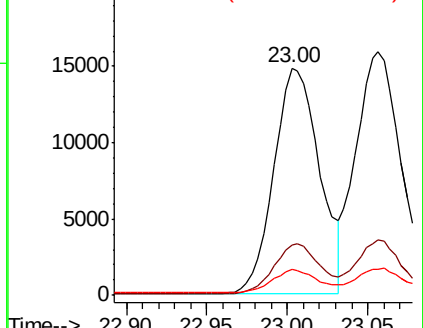
125 11.4 9.0 13.4



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: 0.372 ng

RT: 23.06 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

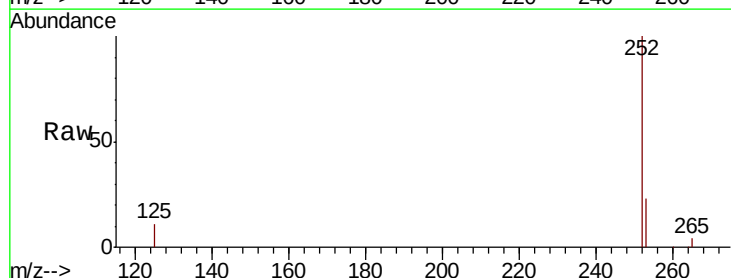
Tgt Ion:252 Resp: 33601

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

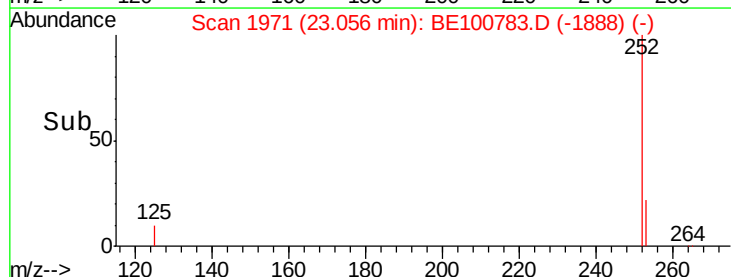
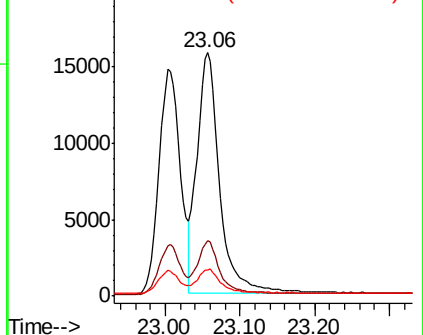
125 10.9 8.7 13.1

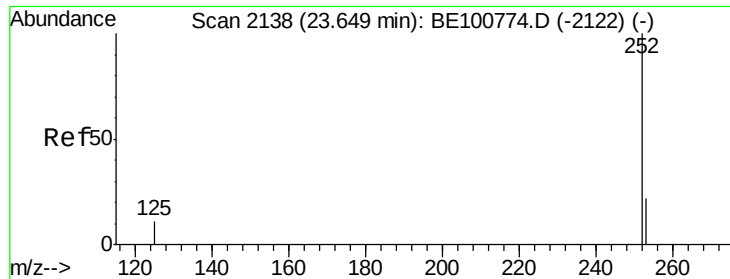


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

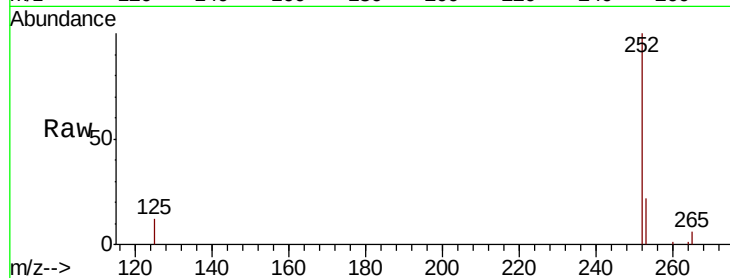
Tot Ion:252 Resp: 25649

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

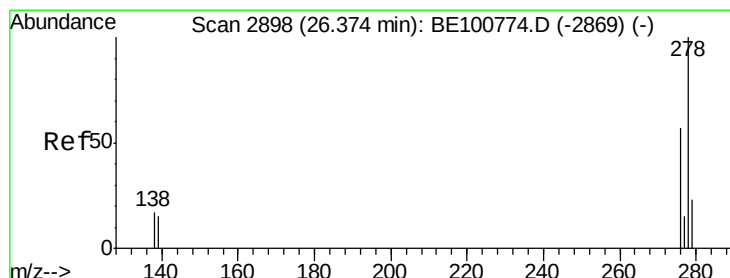
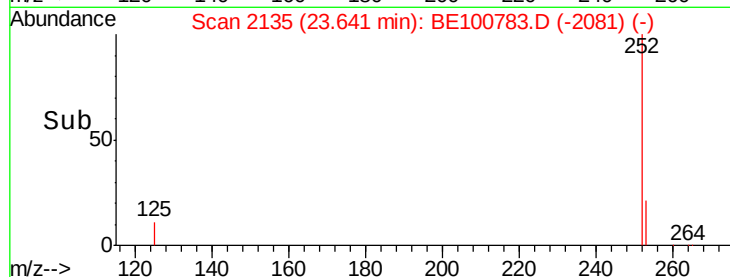
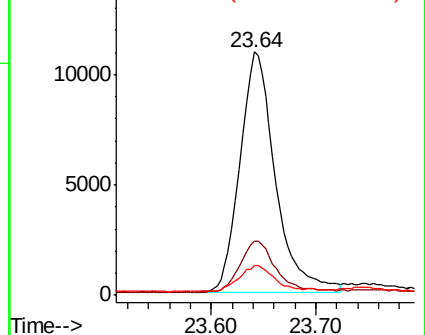
125 12.2 10.4 15.6



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: 0.396 ng

RT: 26.36 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

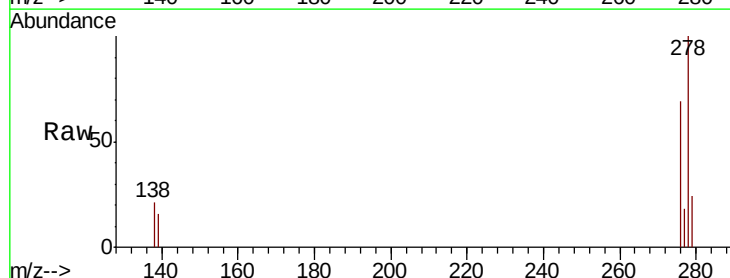
Tgt Ion:278 Resp: 27494

Ion Ratio Lower Upper

278 100

139 15.9 13.0 19.4

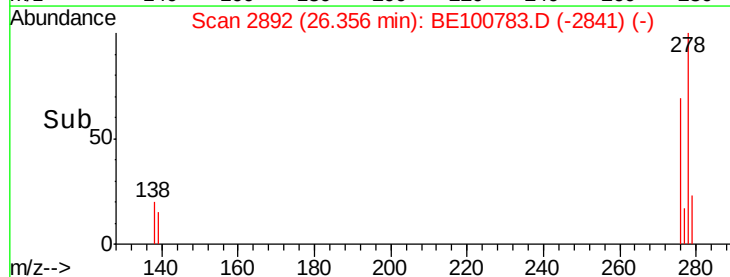
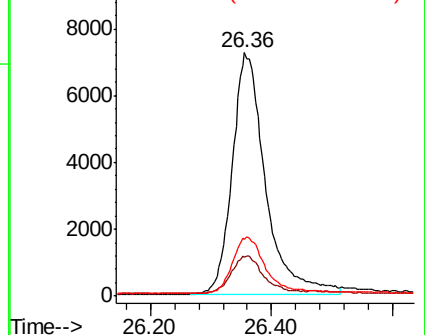
279 23.5 19.6 29.4

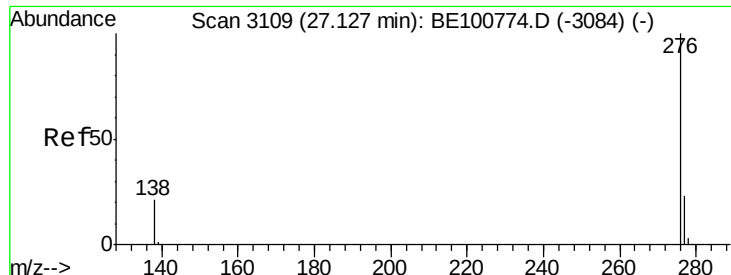


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.416 ng

RT: 27.12 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BE100783.D

Acq: 5 Dec 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PB125154BSD

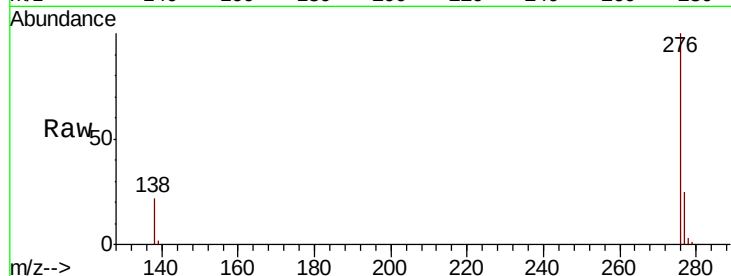
Tot Ion: 276 Resp: 30866

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 21.8 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

