

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
 Data File : BE100772.D
 Acq On : 4 Dec 2019 12:37
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Dec 04 15:59:00 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 14:31:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5480	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24180	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12337	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	30592	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28463	0.40	ng	0.00
34) Perylene-d12	23.77	264	34865	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1325	0.09	ng	0.00
5) Phenol-d6	6.93	99	1908	0.09	ng	0.00
8) Nitrobenzene-d5	8.90	82	1058	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	3425	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	134	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	5280	0.11	ng	0.00
25) Fluoranthene-d10	19.16	212	31231	0.08	ng	0.00
29) Terphenyl-d14	19.77	244	6751	0.10	ng	0.00

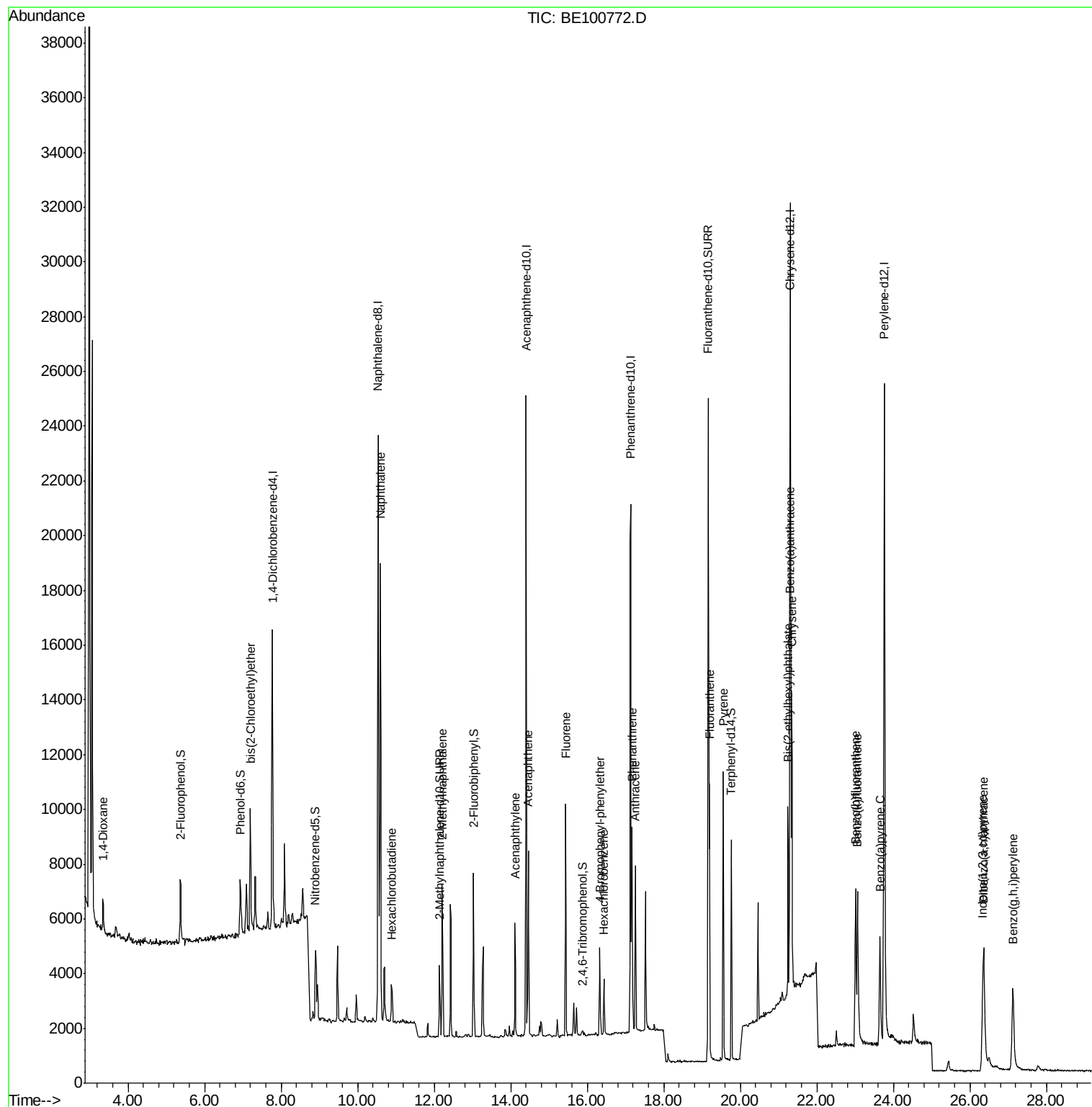
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.35	88	1256	0.122	ng	89
6) bis(2-Chloroethyl)ether	7.19	93	1893	0.105	ng	94
9) Naphthalene	10.59	128	26455	0.103	ng	100
10) Hexachlorobutadiene	10.89	225	1043	0.106	ng	95
12) 2-Methylnaphthalene	12.21	142	3870	0.095	ng	98
16) Acenaphthylene	14.11	152	4907	0.092	ng	99
17) Acenaphthene	14.46	154	3446	0.097	ng	99
18) Fluorene	15.43	166	4301	0.095	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	1370	0.091	ng	# 89
21) Hexachlorobenzene	16.44	284	1570	0.100	ng	96
23) Phenanthrene	17.17	178	8913	0.097	ng	99
24) Anthracene	17.26	178	6904	0.087	ng	99
26) Fluoranthene	19.19	202	8932	0.079	ng	100
28) Pyrene	19.55	202	9453	0.107	ng	98
30) Benzo(a)anthracene	21.29	228	7837	0.082	ng	97
31) Chrysene	21.34	228	9896	0.101	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	8970	0.052	ng	99
33) Indeno(1,2,3-cd)pyrene	26.34	276	8089	0.079	ng	# 86
35) Benzo(b)fluoranthene	23.01	252	8513	0.078	ng	# 93
36) Benzo(k)fluoranthene	23.06	252	8979	0.079	ng	# 92
37) Benzo(a)pyrene	23.65	252	6905	0.072	ng	# 91
38) Dibenzo(a,h)anthracene	26.37	278	6295	0.062	ng	# 93
39) Benzo(g,h,i)perylene	27.12	276	7813	0.074	ng	95

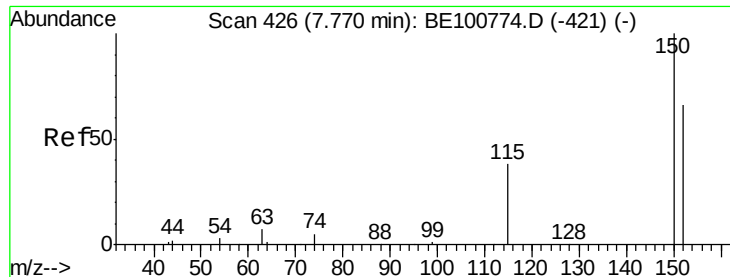
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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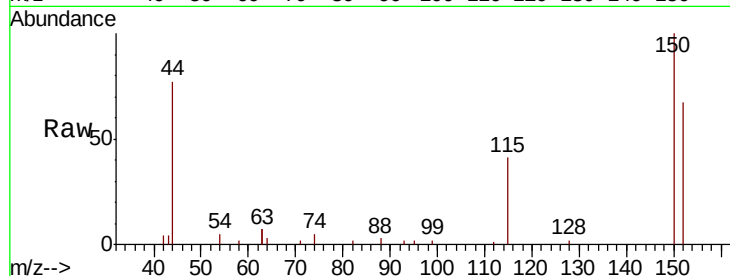


#1

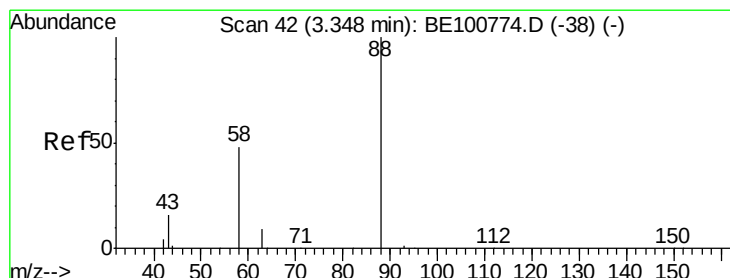
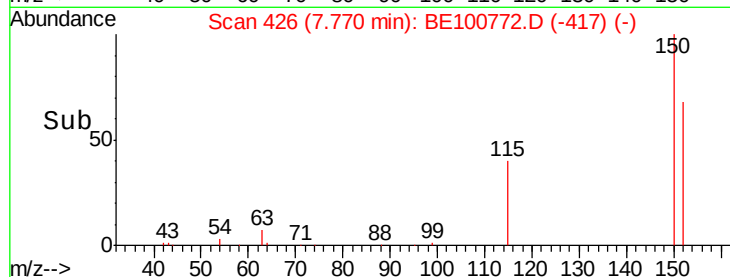
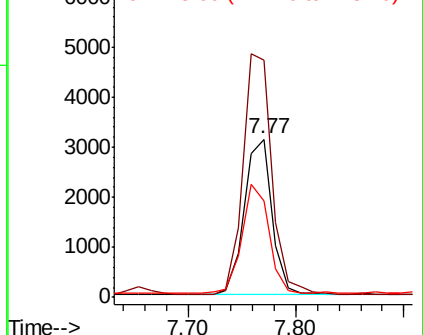
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 5480
Ion Ratio Lower Upper
152 100
150 150.0 120.6 181.0
115 61.2 47.4 71.2



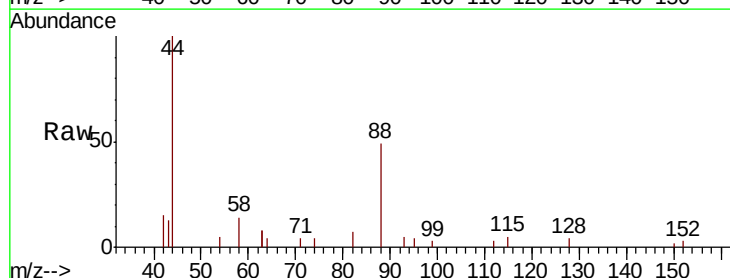
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



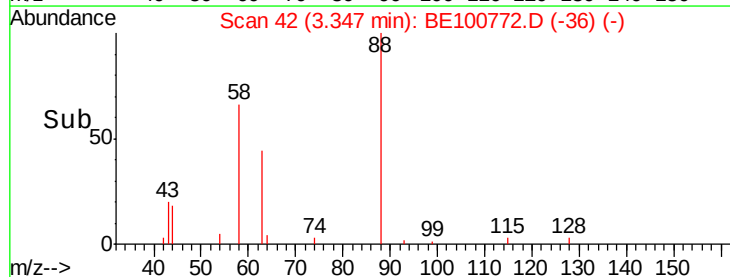
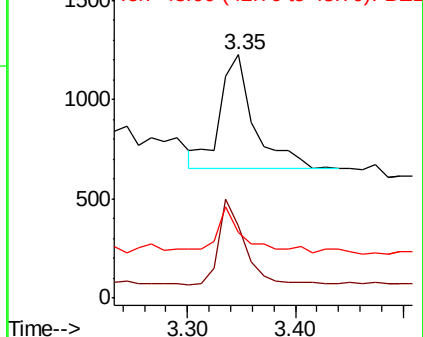
#2

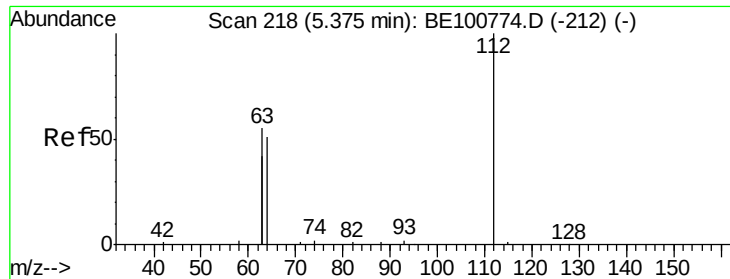
1,4-Dioxane
Concen: 0.122 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt Ion: 88 Resp: 1256
Ion Ratio Lower Upper
88 100
58 56.0 52.5 78.7
43 32.5 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





#4

2-Fluorophenol

Concen: 0.089 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

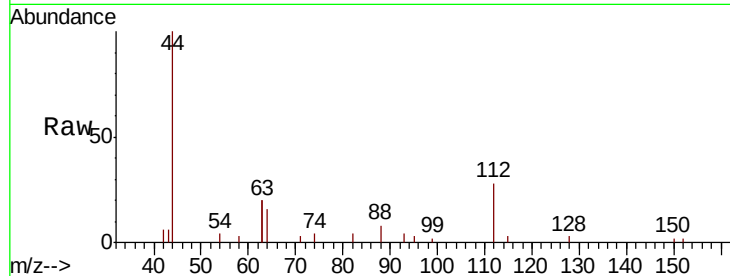
Tot Ion:112 Resp: 1325

Ion Ratio Lower Upper

112 100

64 66.7 54.1 81.1

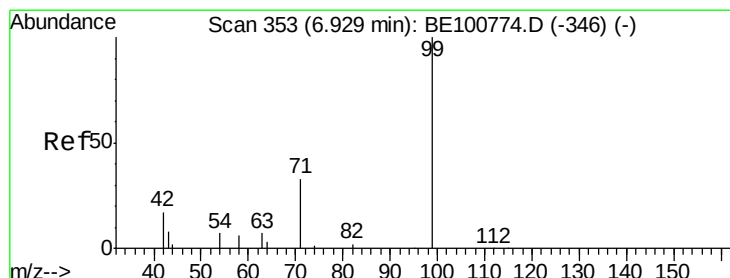
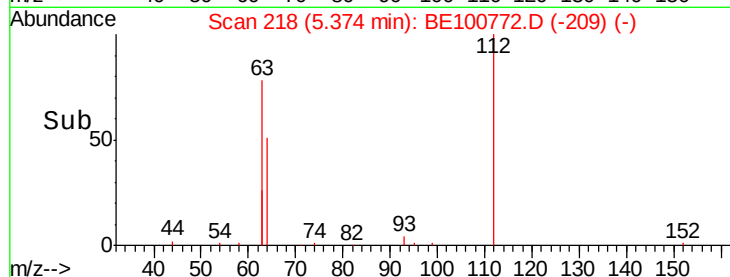
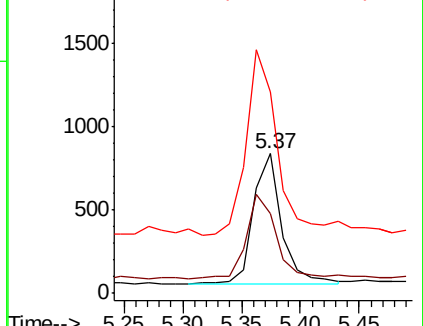
63 153.4 113.2 169.8



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: 0.089 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

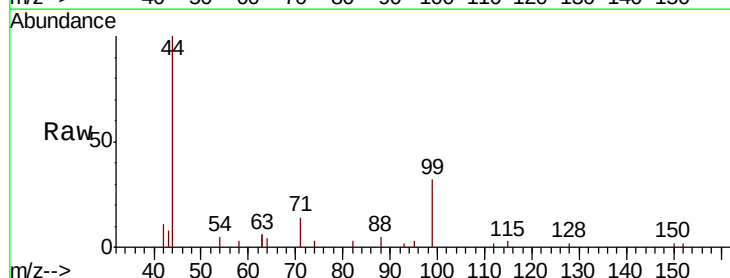
Tgt Ion: 99 Resp: 1908

Ion Ratio Lower Upper

99 100

42 23.8 19.1 28.7

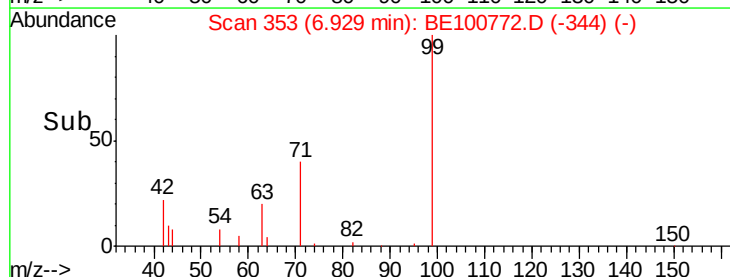
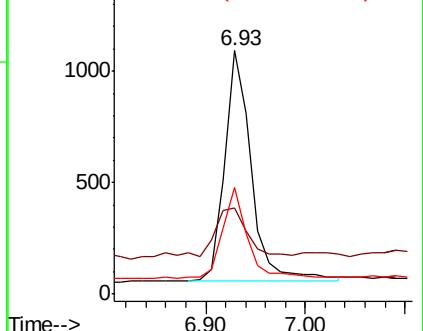
71 37.2 27.7 41.5

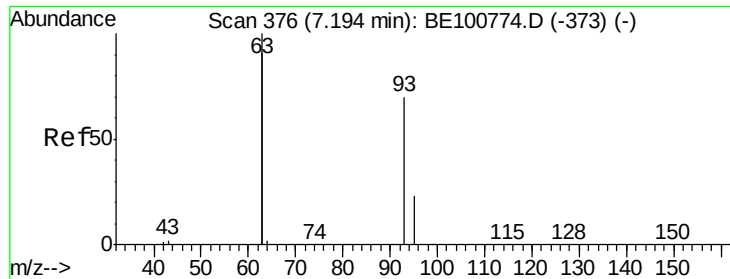


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.105 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

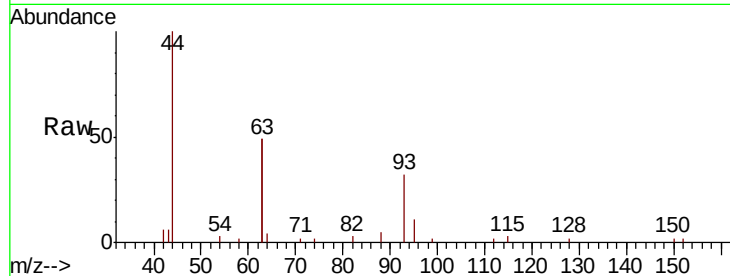
Tot Ion: 93 Resp: 1893

Ion Ratio Lower Upper

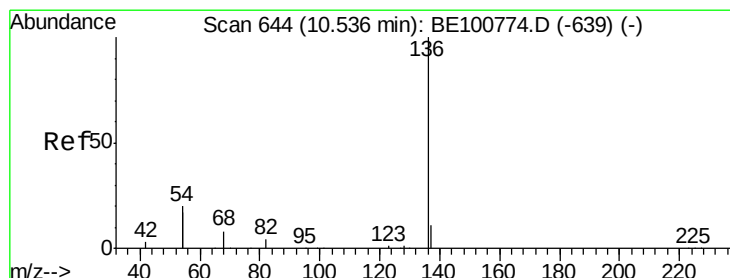
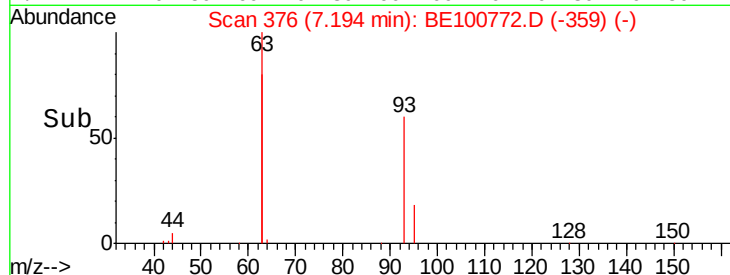
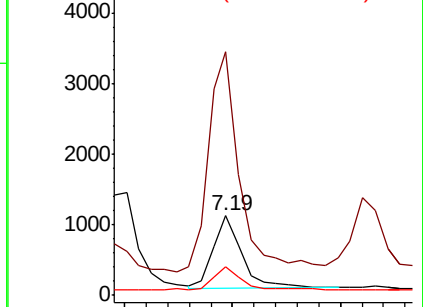
93 100

63 336.9 259.4 389.0

95 34.8 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: BE100772.D

Acq: 4 Dec 2019 12:37

Tgt Ion: 136 Resp: 24180

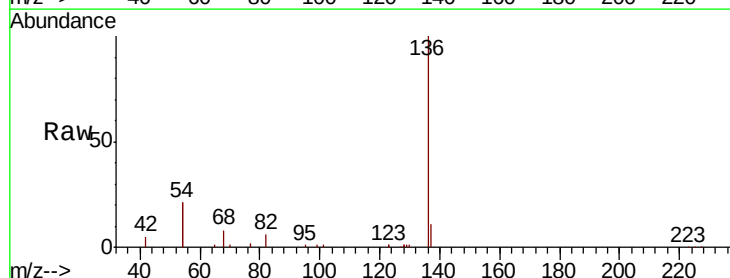
Ion Ratio Lower Upper

136 100

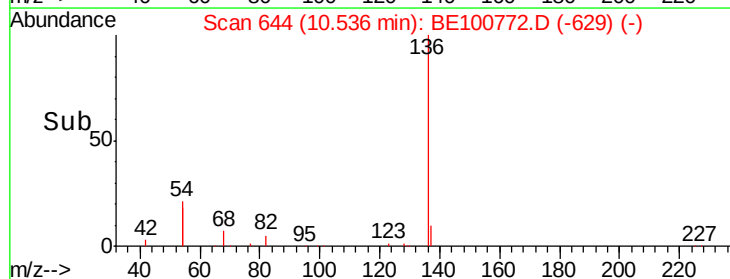
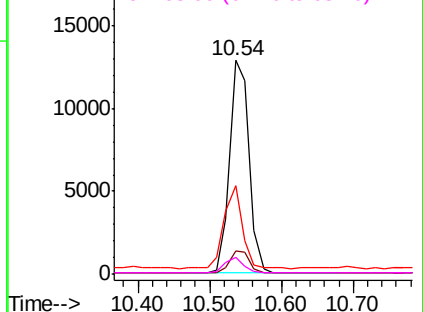
137 10.8 9.4 14.0

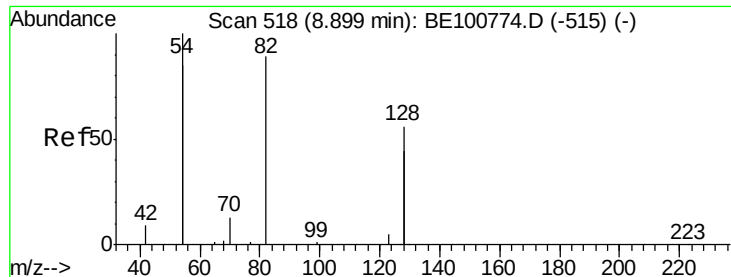
54 41.6 31.1 46.7

68 7.9 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: 0.136 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

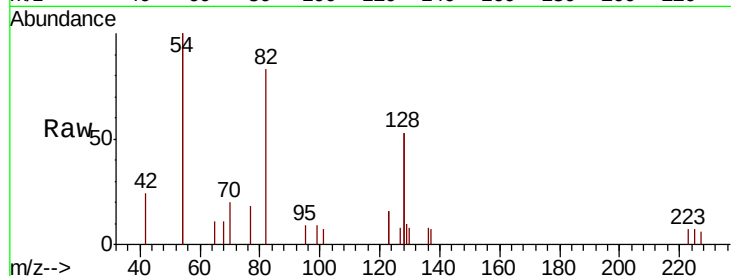
Tot Ion: 82 Resp: 1058

Ion Ratio Lower Upper

82 100

128 127.4 97.0 145.4

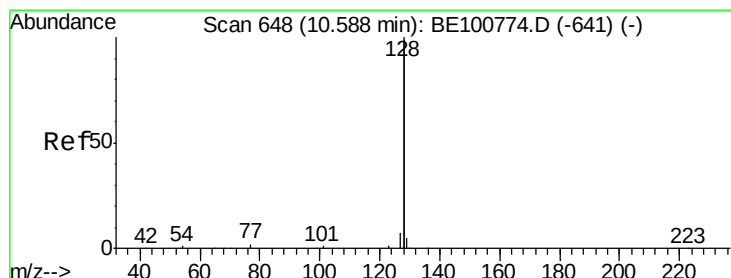
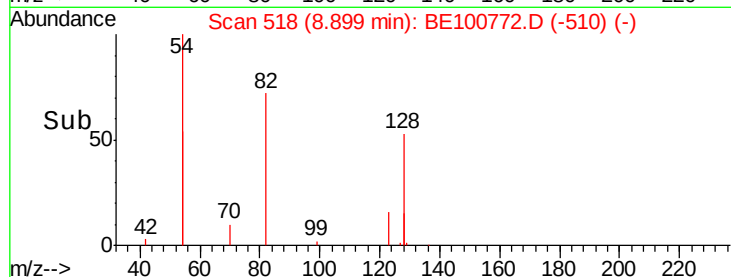
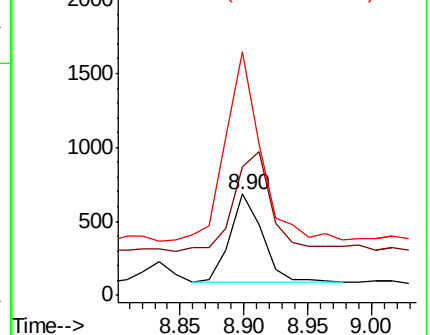
54 241.0 171.8 257.6



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: 0.103 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

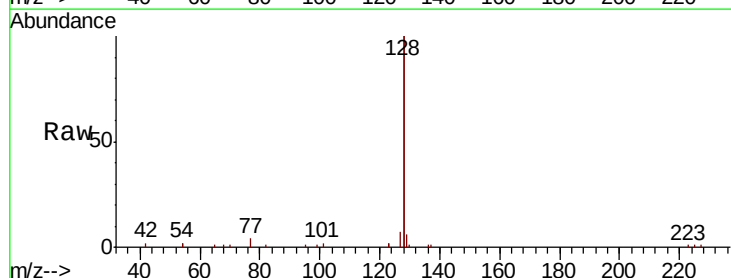
Tgt Ion: 128 Resp: 26455

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

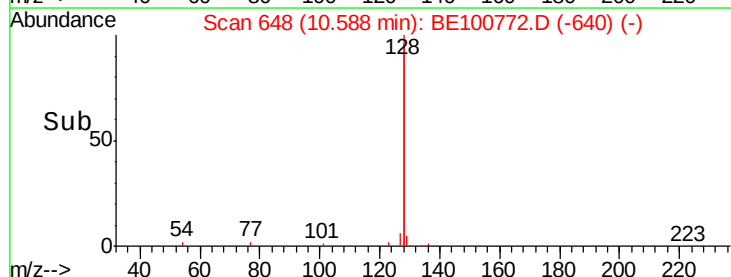
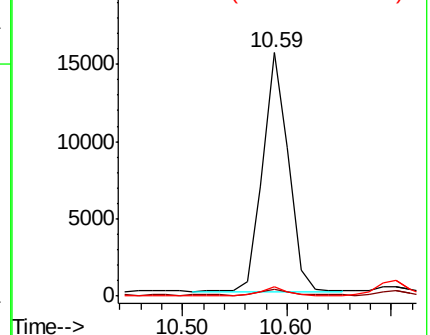
127 3.6 2.7 4.1

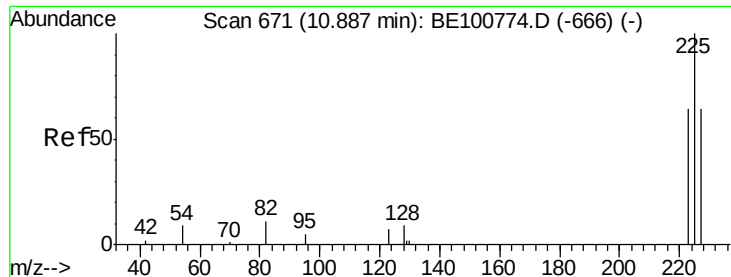


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

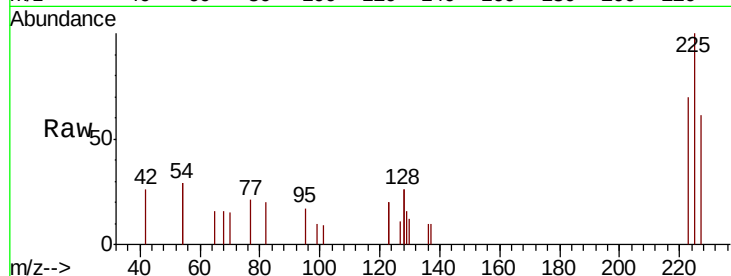




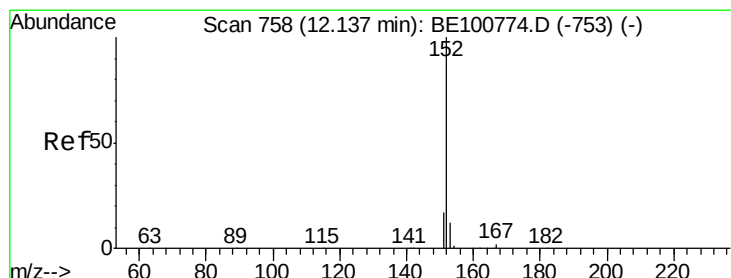
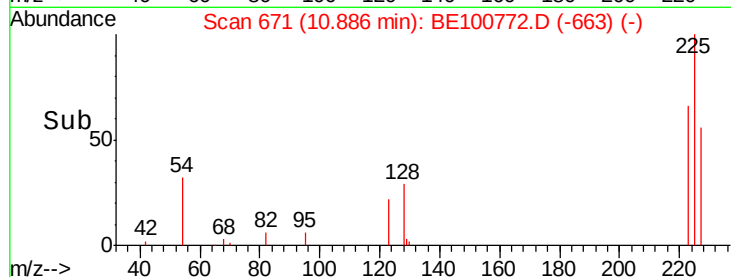
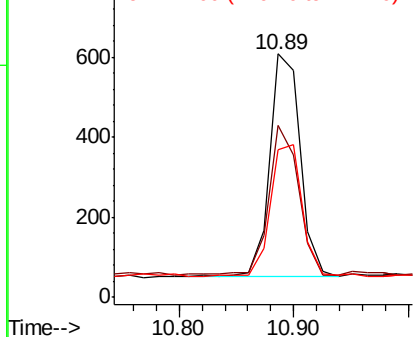
#10
Hexachlorobutadiene
Concen: 0.106 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 1043
Ion Ratio Lower Upper
225 100
223 65.0 49.9 74.9
227 60.9 52.2 78.4

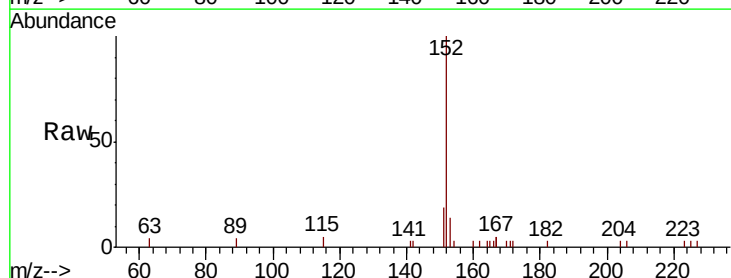


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

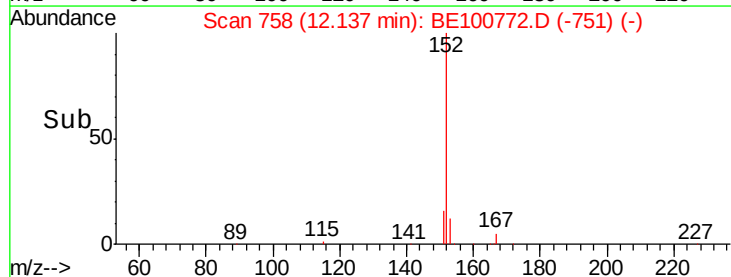
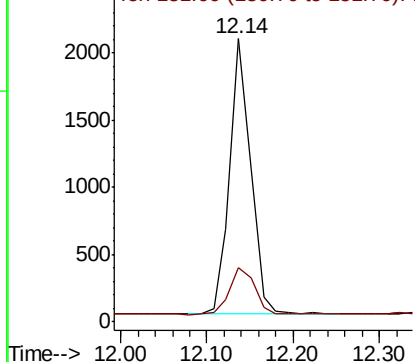


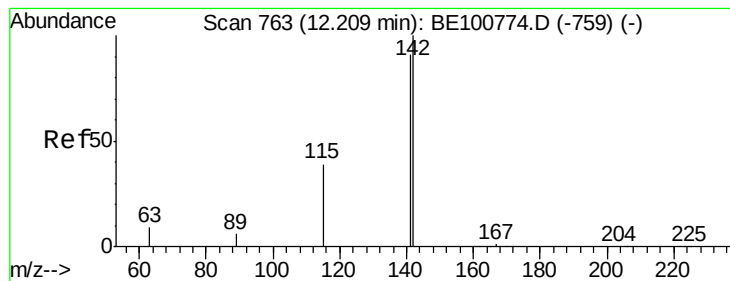
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt Ion:152 Resp: 3425
Ion Ratio Lower Upper
152 100
151 21.3 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: 0.095 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

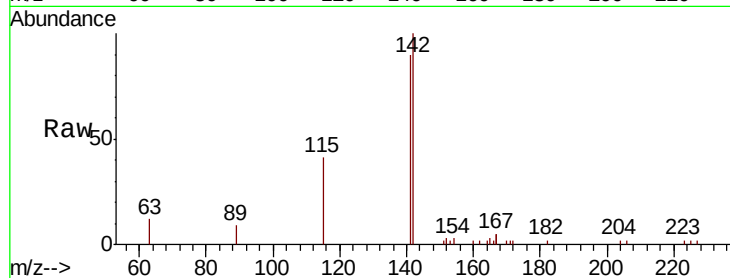
Tot Ion:142 Resp: 3870

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8

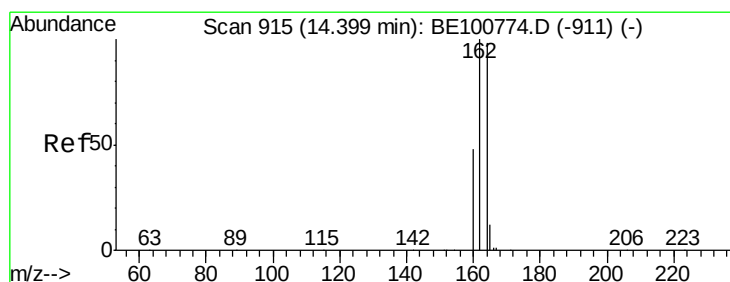
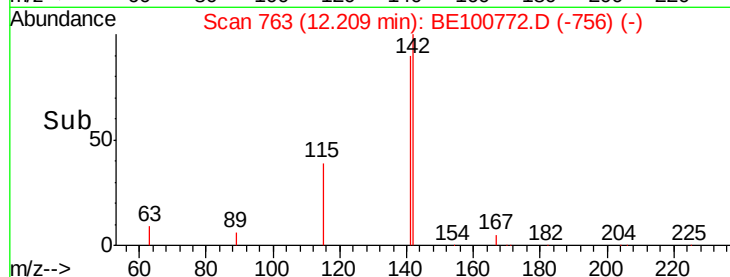
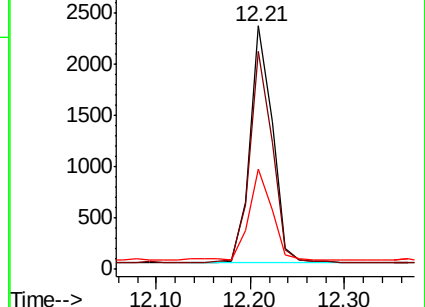
115 41.4 31.8 47.6



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# 915

Delta R.T. 0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

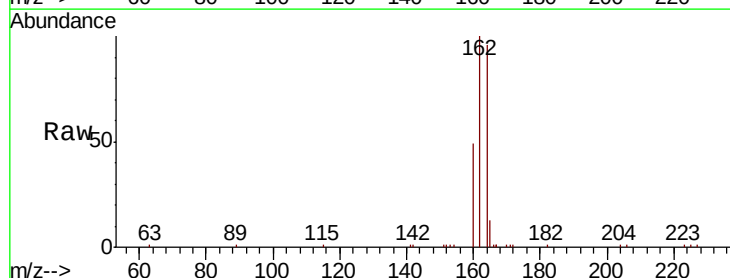
Tgt Ion:164 Resp: 12337

Ion Ratio Lower Upper

164 100

162 104.3 81.4 122.0

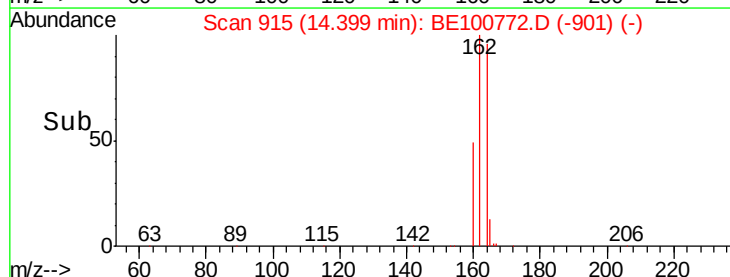
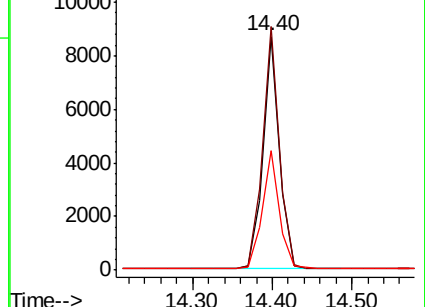
160 51.1 39.4 59.0

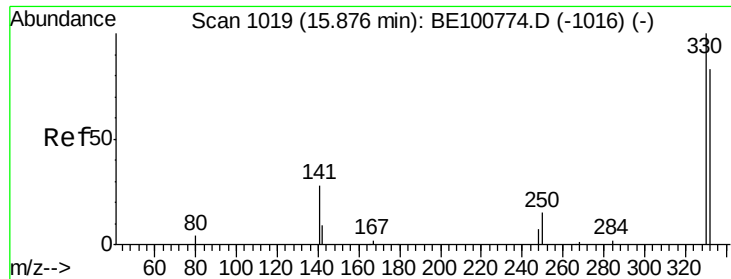


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.077 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

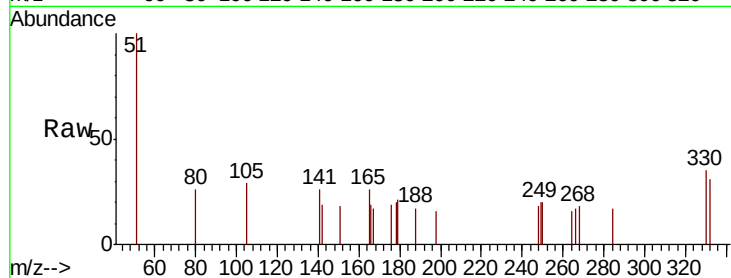
Tot Ion:330 Resp: 134

Ion Ratio Lower Upper

330 100

332 69.4 69.4 104.2#

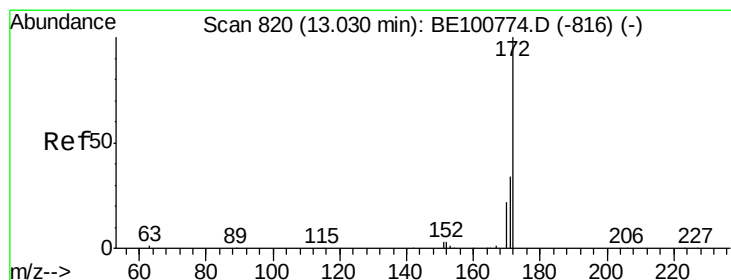
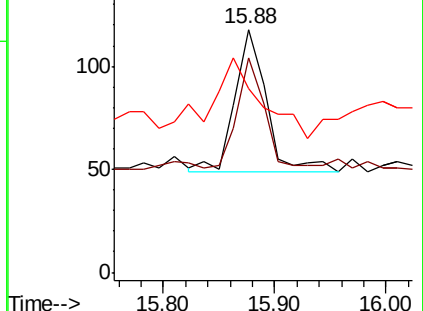
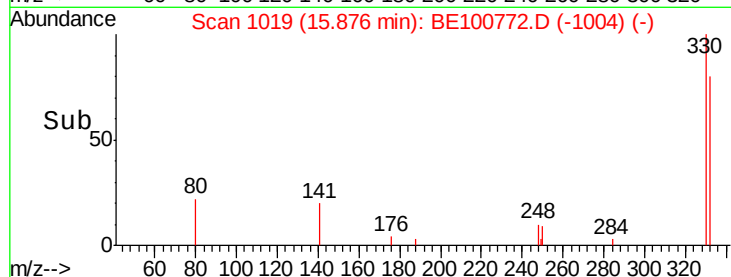
141 94.8 51.1 76.7#



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: 0.110 ng

RT: 13.03 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

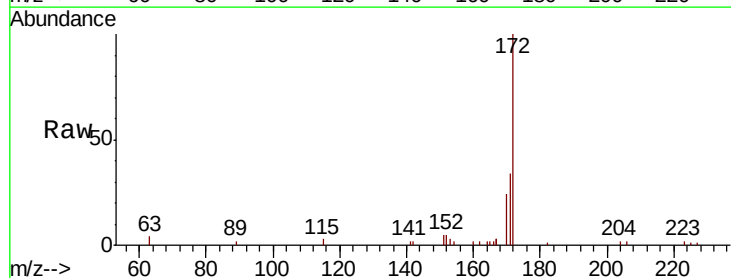
Tgt Ion:172 Resp: 5280

Ion Ratio Lower Upper

172 100

171 33.6 27.2 40.8

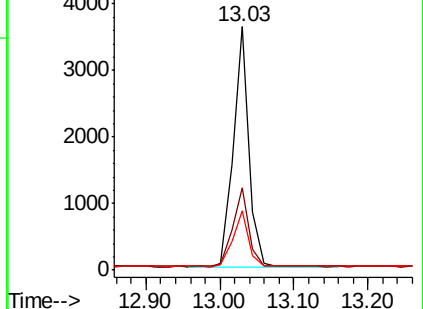
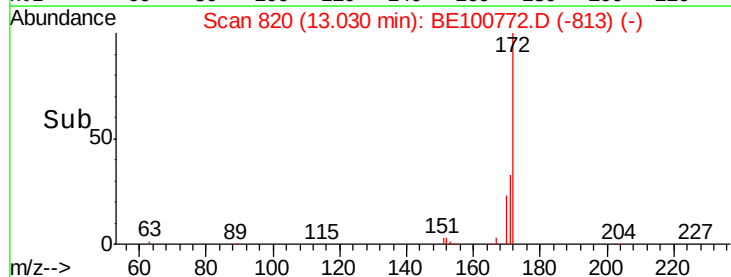
170 24.4 18.0 27.0

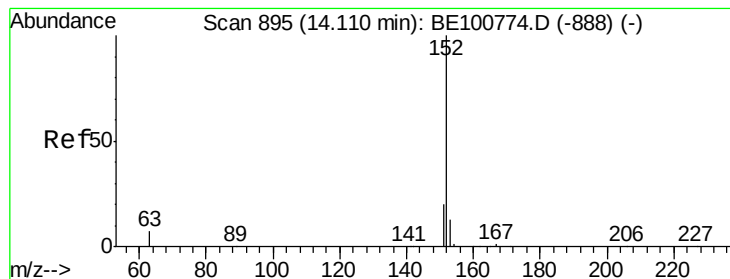


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.092 ng

RT: 14.11 min Scan# 895

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

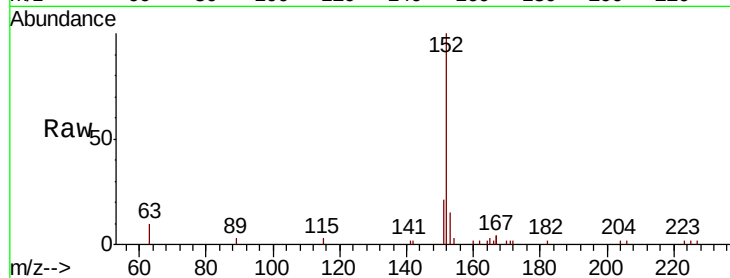
Tot Ion:152 Resp: 4907

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

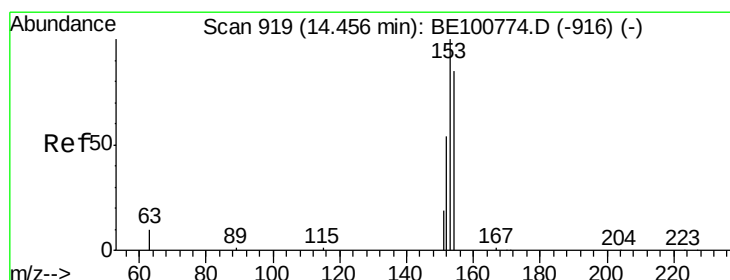
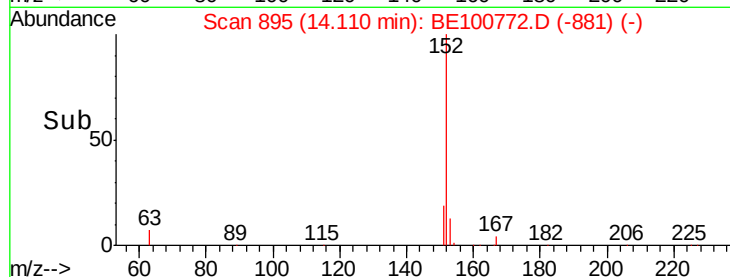
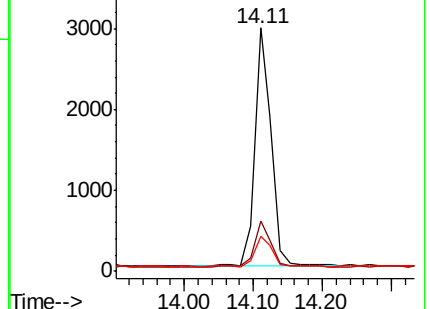
153 14.2 10.4 15.6



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: 0.097 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

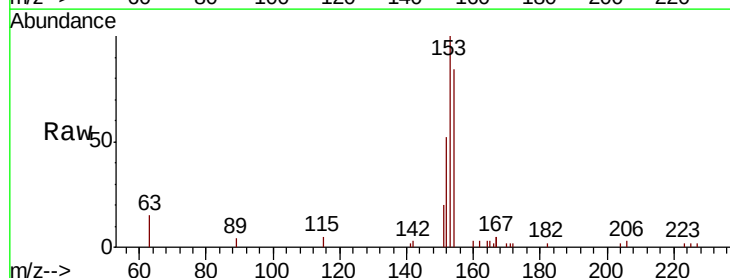
Tgt Ion:154 Resp: 3446

Ion Ratio Lower Upper

154 100

153 116.4 92.2 138.2

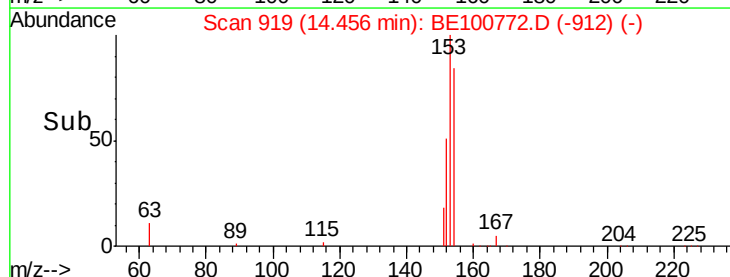
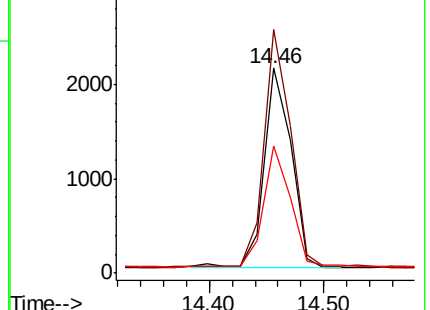
152 60.6 49.1 73.7

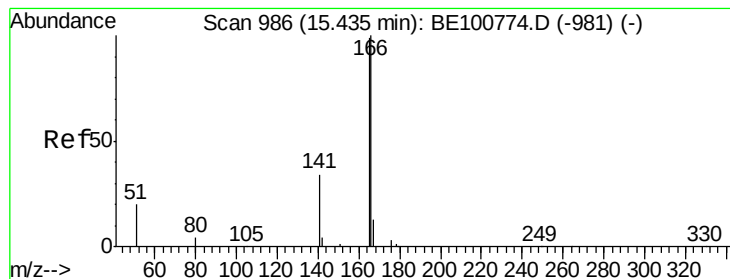


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.095 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

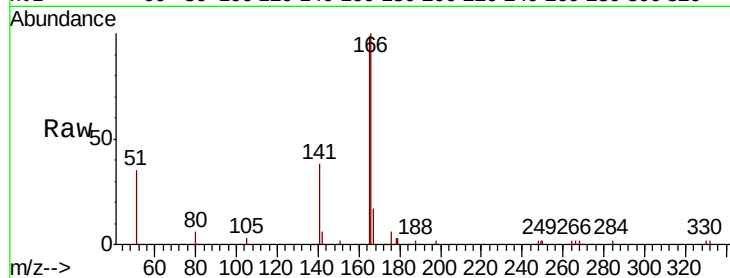
Tot Ion:166 Resp: 4301

Ion Ratio Lower Upper

166 100

165 100.3 80.5 120.7

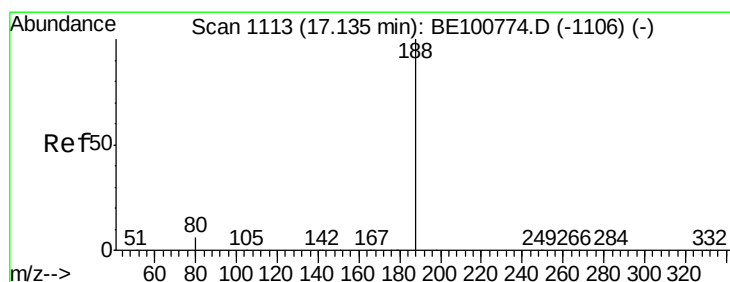
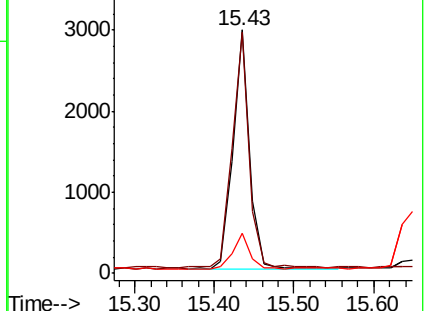
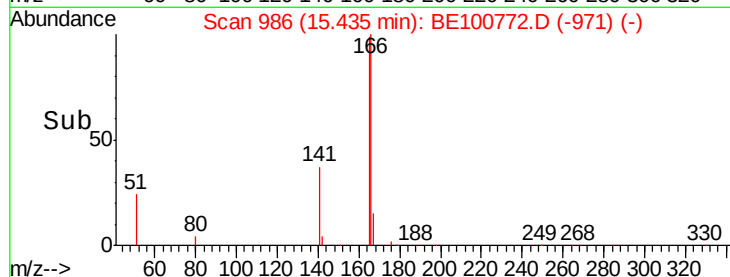
167 14.8 10.7 16.1



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: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

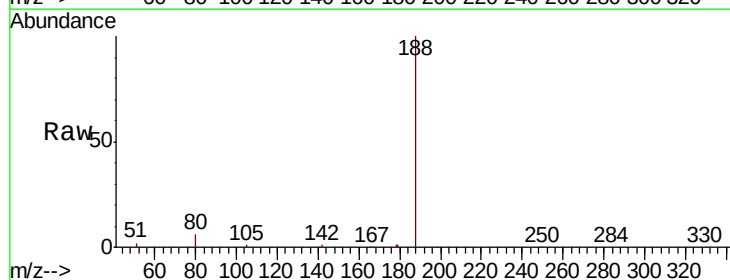
Tgt Ion:188 Resp: 30592

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

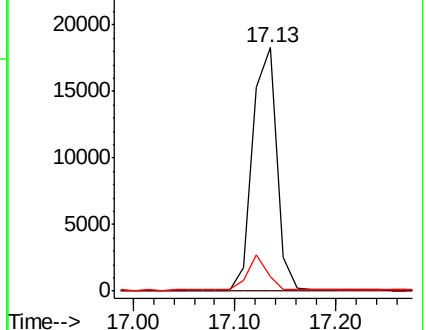
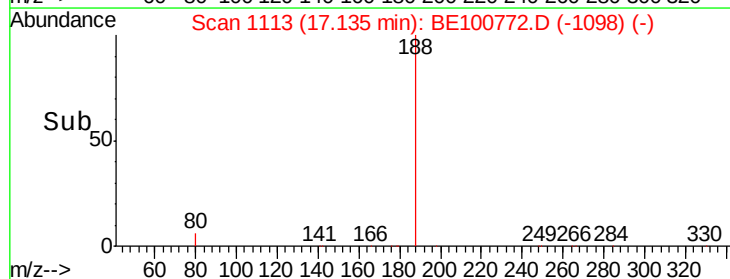
80 6.1 5.2 7.8

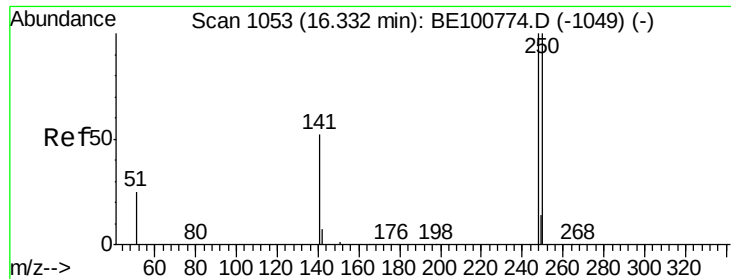


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

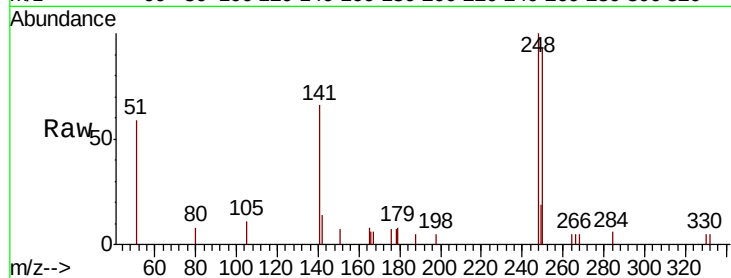




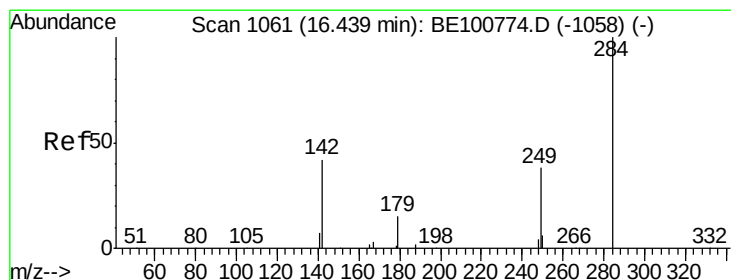
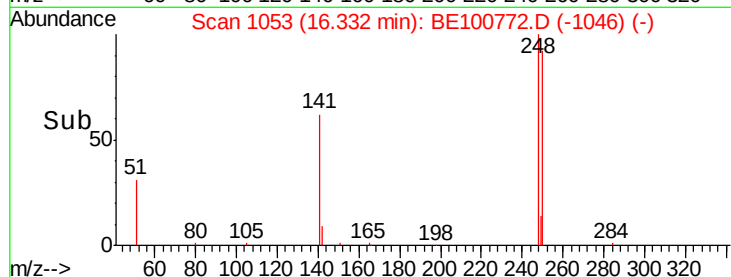
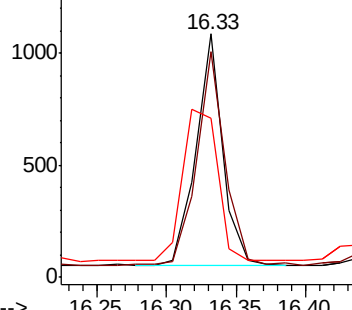
#20
4-Bromophenyl-phenylether
Concen: 0.091 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 1370
Ion Ratio Lower Upper
248 100
250 92.5 80.5 120.7
141 65.5 42.6 64.0#

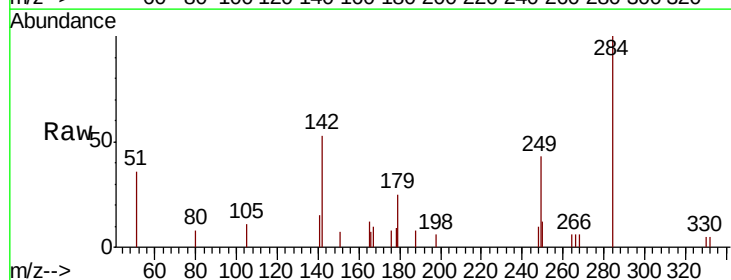


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

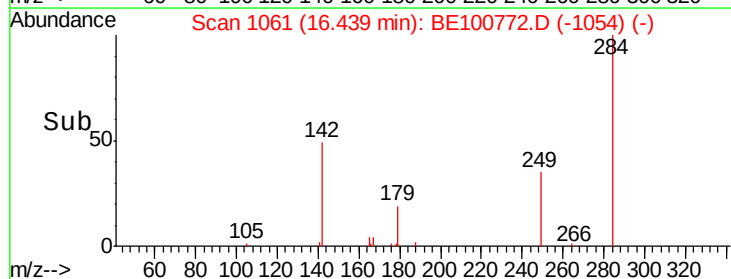
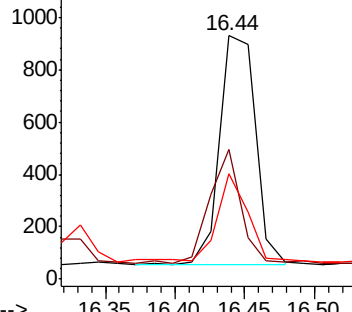


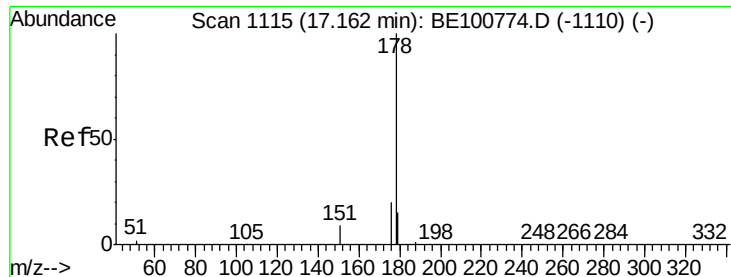
#21
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt Ion:284 Resp: 1570
Ion Ratio Lower Upper
284 100
142 43.1 34.4 51.6
249 30.5 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

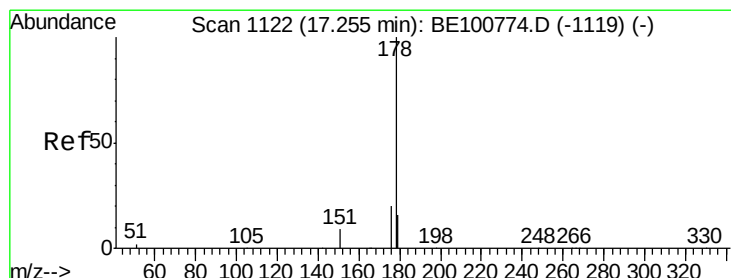
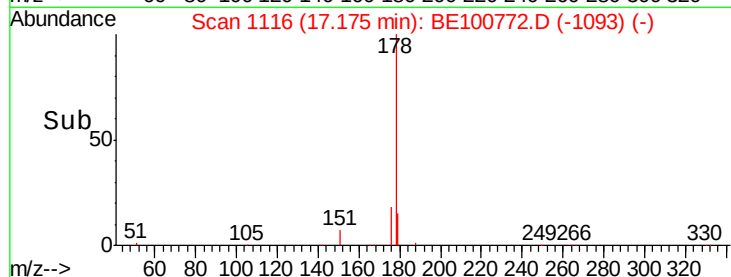
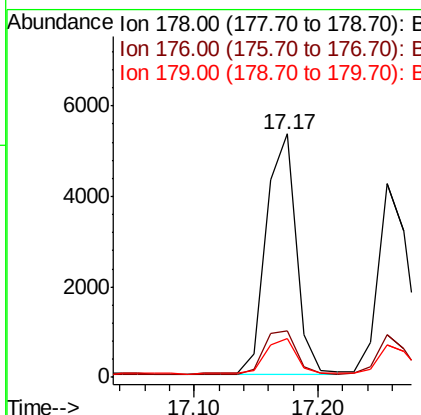
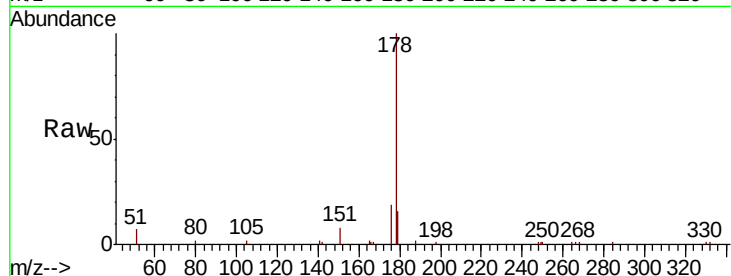




#23
Phenanthrene
Concen: 0.097 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

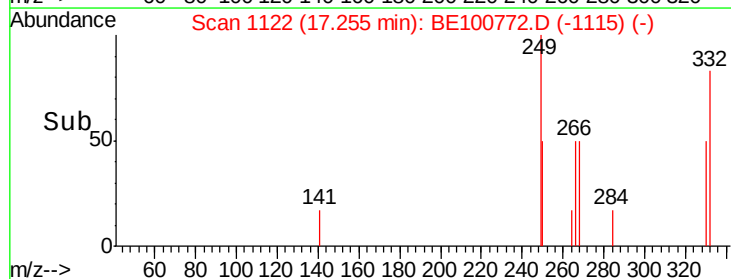
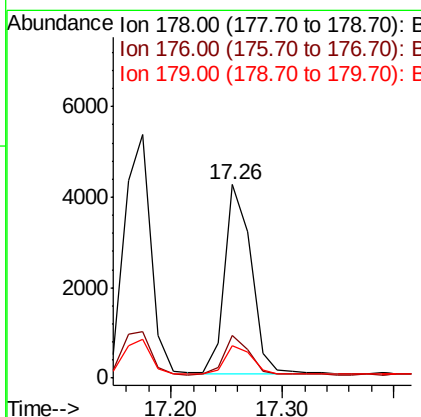
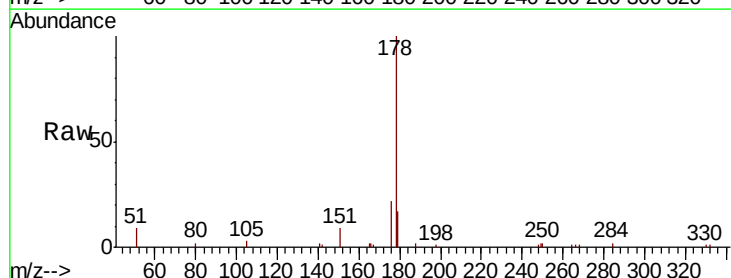
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

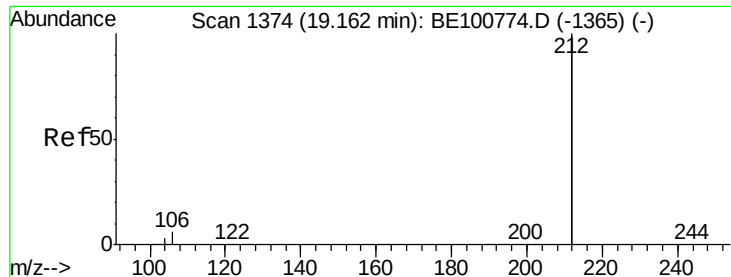
Tot Ion:178 Resp: 8913
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.0 12.3 18.5



#24
Anthracene
Concen: 0.087 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt Ion:178 Resp: 6904
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.7 19.1

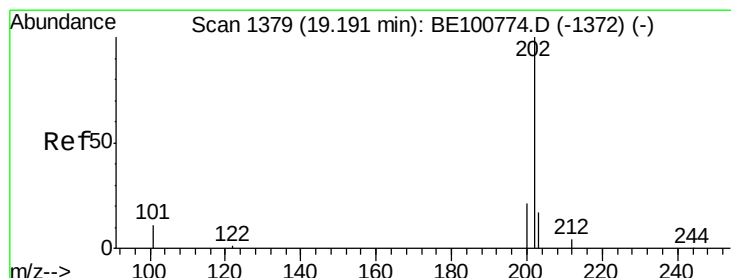
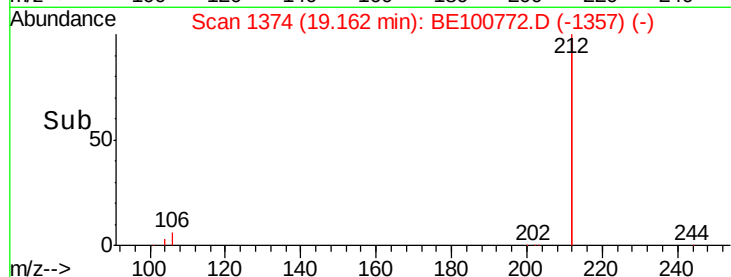
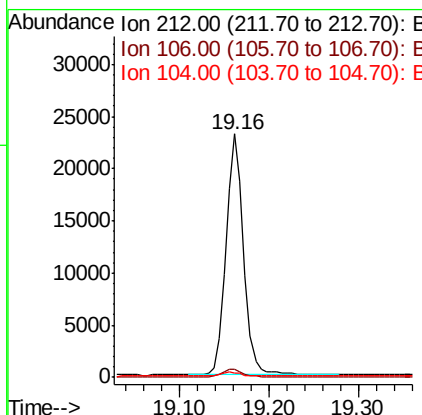
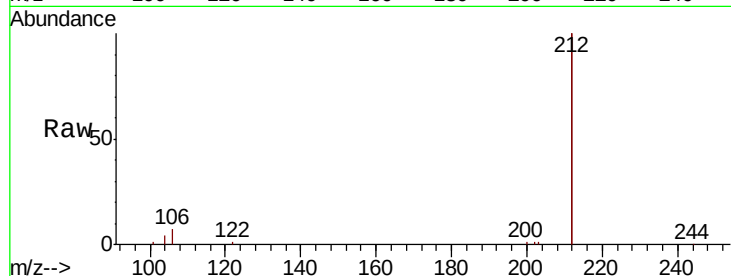




#25
Fluoranthene-d10
Concen: 0.083 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

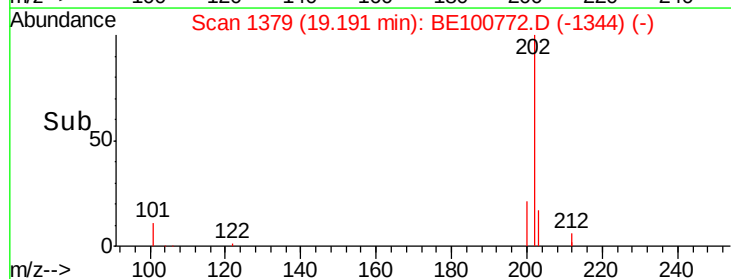
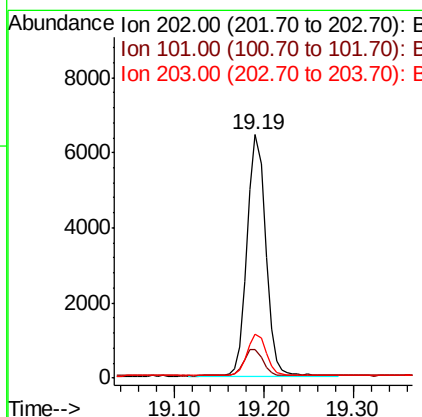
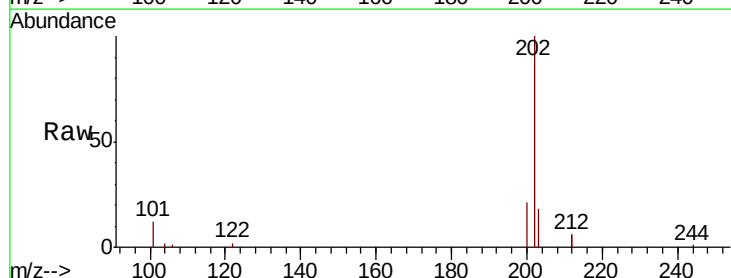
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

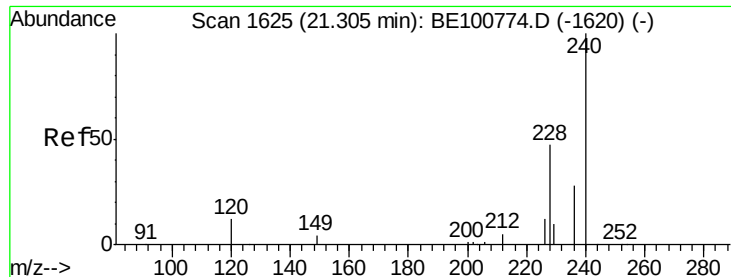
Tot Ion:212 Resp: 31231
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.8 1.4 2.2



#26
Fluoranthene
Concen: 0.079 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt Ion:202 Resp: 8932
Ion Ratio Lower Upper
202 100
101 11.3 9.1 13.7
203 17.1 13.8 20.6

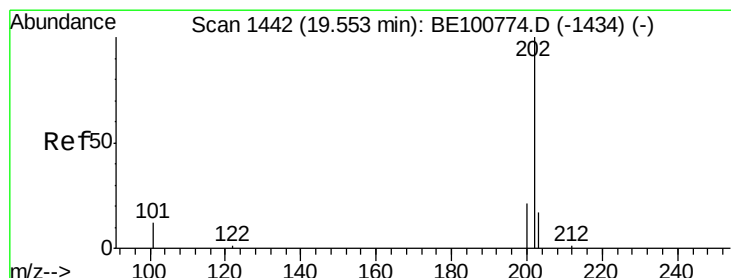
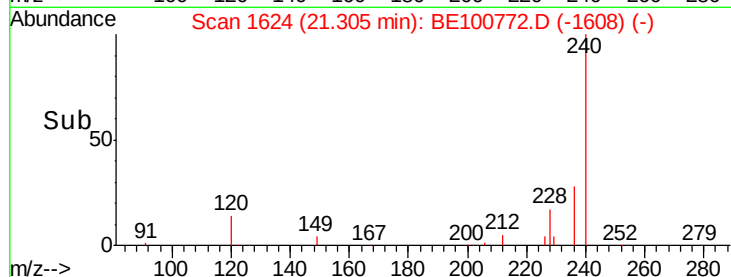
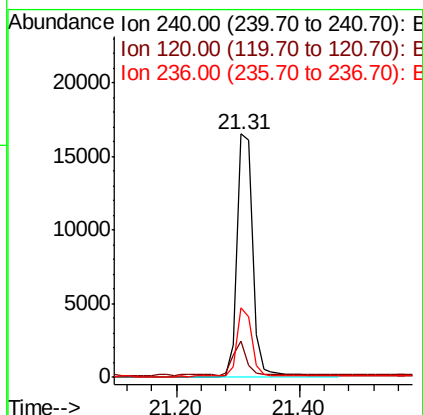
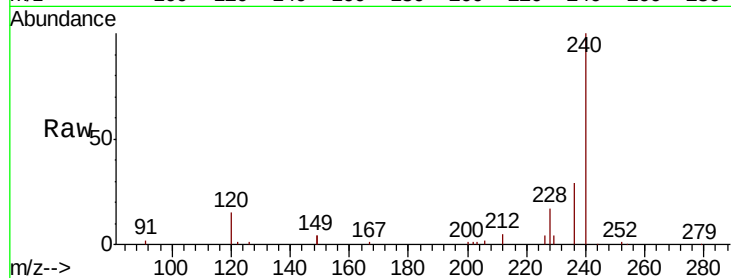




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

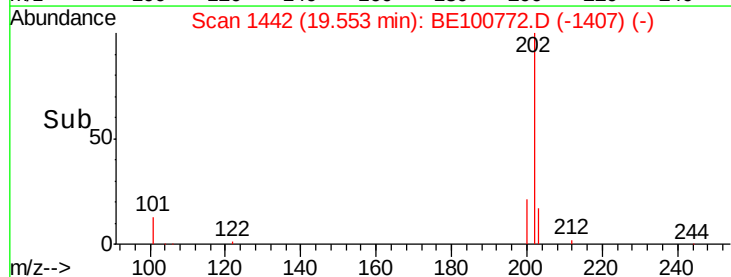
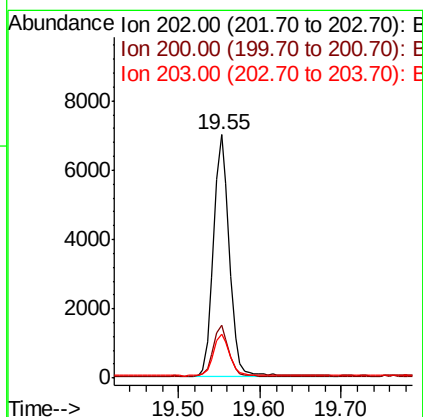
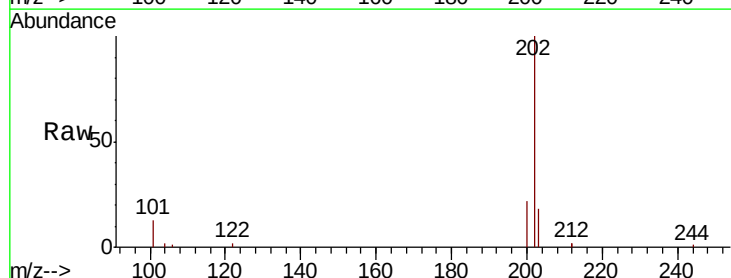
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

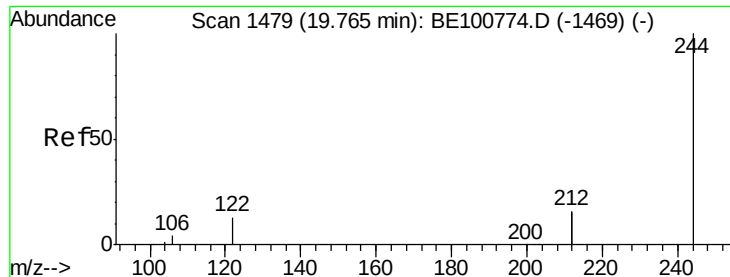
Tot Ion:240 Resp: 28463
Ion Ratio Lower Upper
240 100
120 15.0 10.2 15.2
236 28.6 22.3 33.5



#28
Pyrene
Concen: 0.107 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt Ion:202 Resp: 9453
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 18.0 13.9 20.9





#29

Terphenyl-d14

Concen: 0.103 ng

RT: 19.77 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

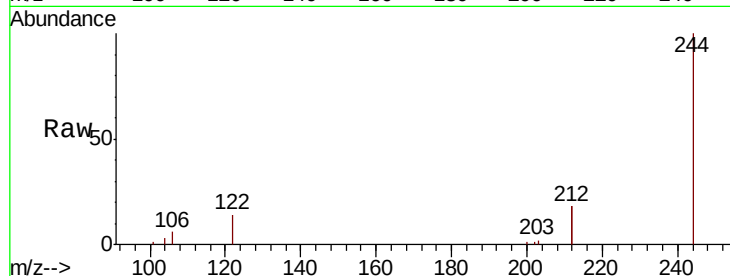
Tot Ion:244 Resp: 6751

Ion Ratio Lower Upper

244 100

212 36.1 26.2 39.4

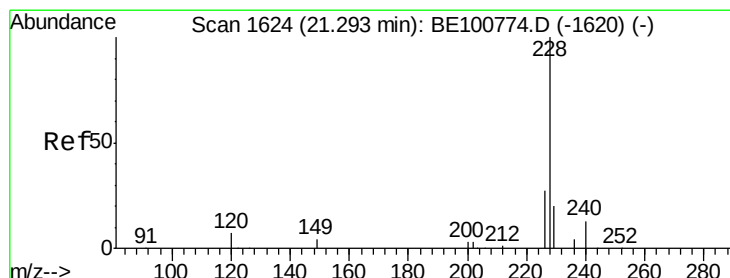
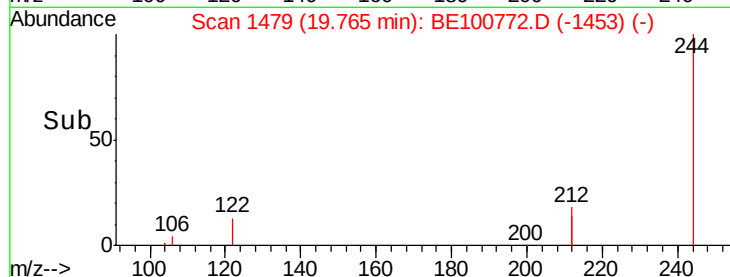
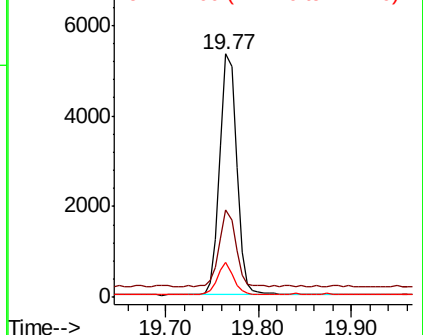
122 14.2 10.2 15.4



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: 0.082 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

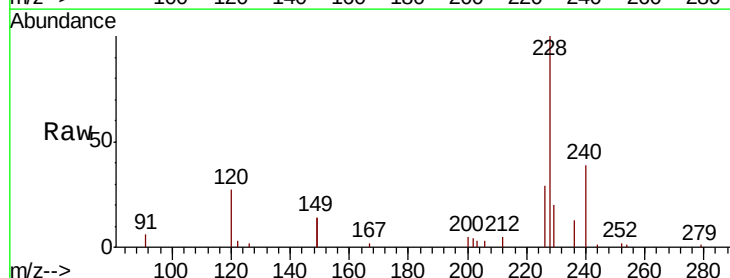
Tgt Ion:228 Resp: 7837

Ion Ratio Lower Upper

228 100

226 29.1 21.5 32.3

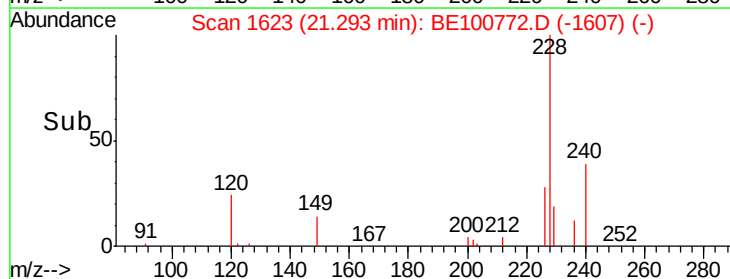
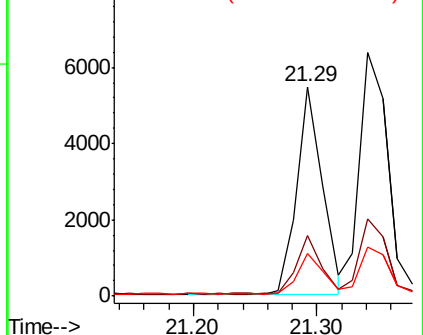
229 20.3 16.0 24.0

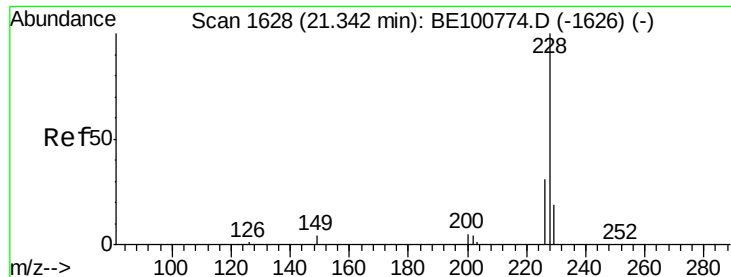


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.101 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

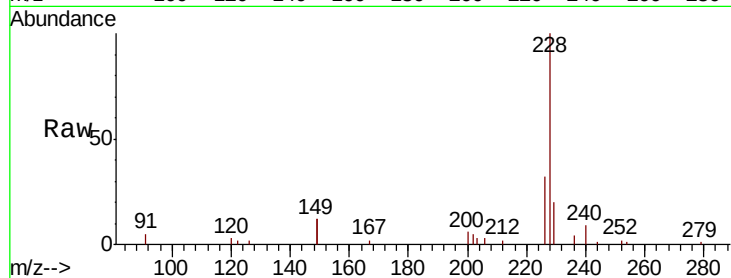
Tot Ion:228 Resp: 9896

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

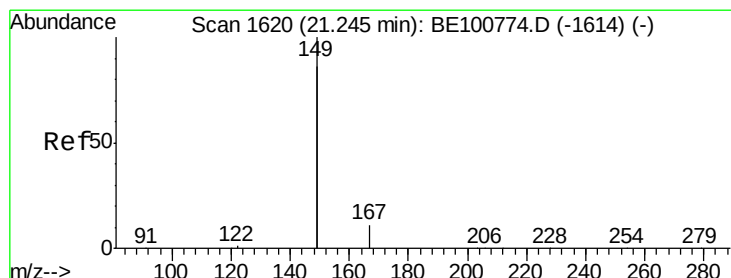
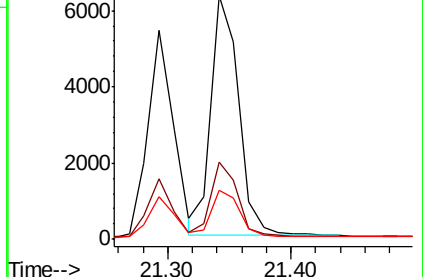
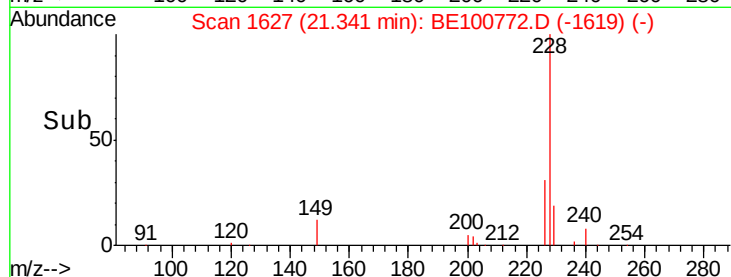
229 20.2 15.4 23.2



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: 0.052 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

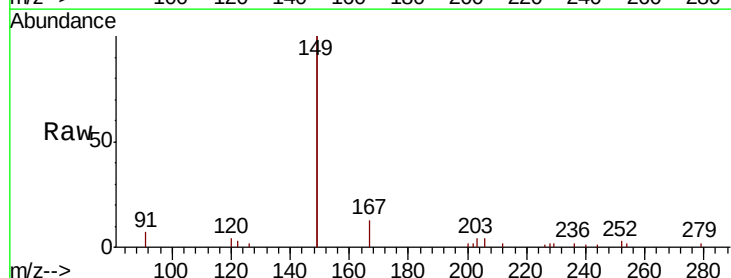
Tgt Ion:149 Resp: 8970

Ion Ratio Lower Upper

149 100

167 6.7 5.0 7.6

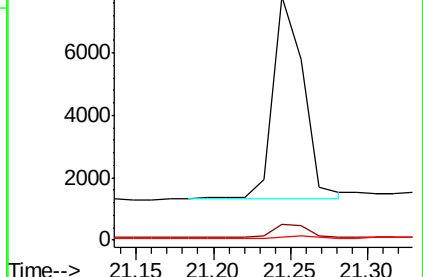
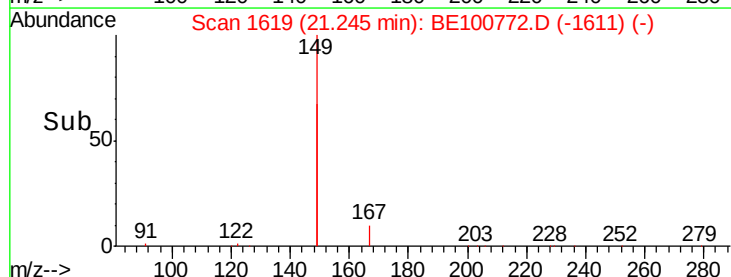
279 1.0 0.7 1.1

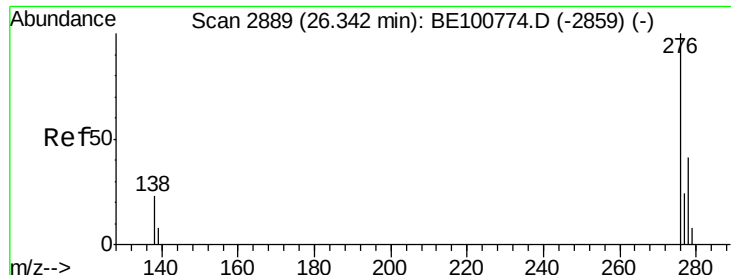


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.079 ng

RT: 26.34 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

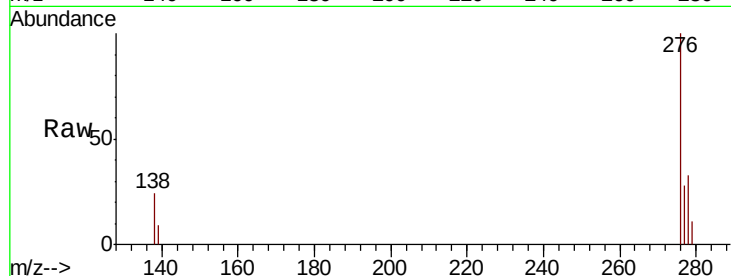
Tot Ion:276 Resp: 8089

Ion Ratio Lower Upper

276 100

138 10.6 19.4 29.0#

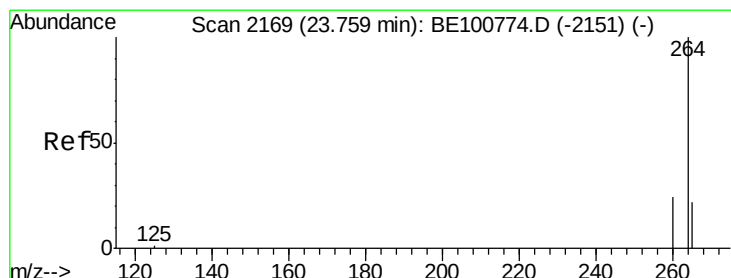
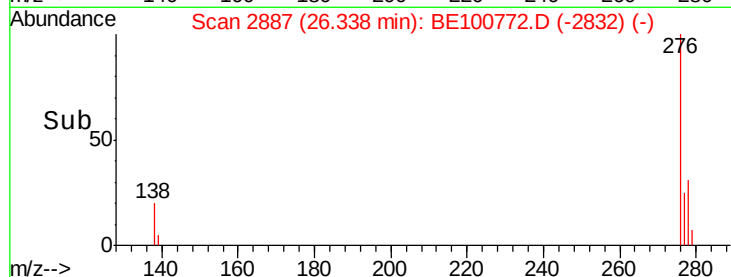
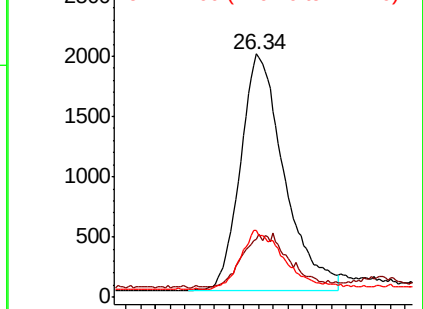
277 25.0 19.8 29.6



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: 23.77 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

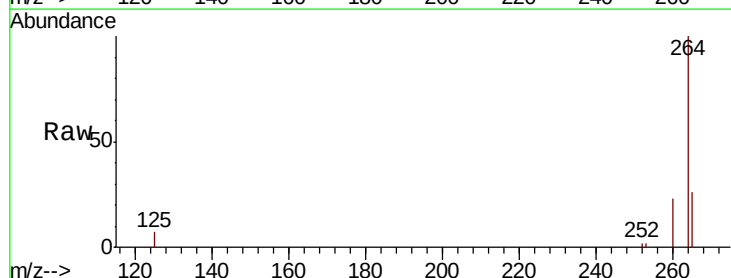
Tgt Ion:264 Resp: 34865

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

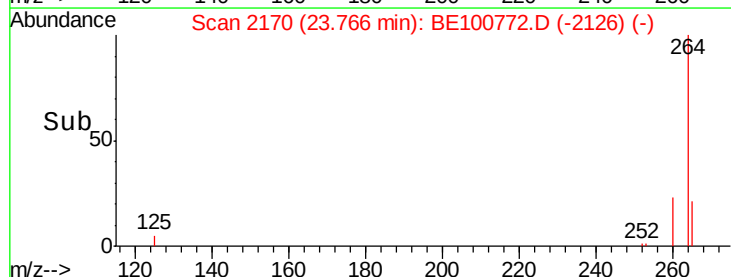
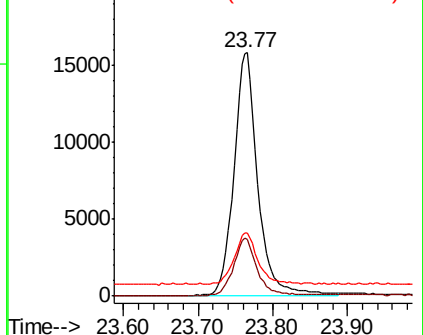
265 25.9 21.8 32.8

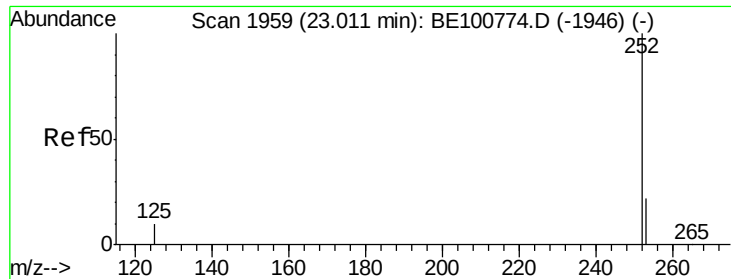


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.078 ng

RT: 23.01 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

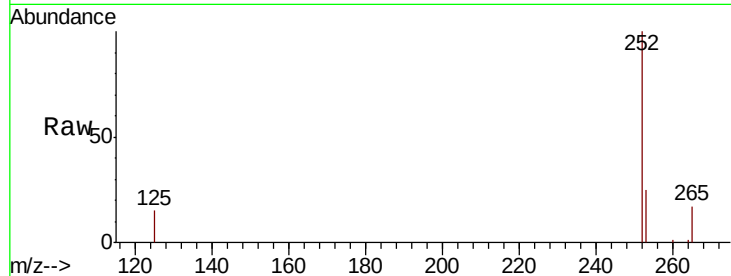
Tot Ion:252 Resp: 8513

Ion Ratio Lower Upper

252 100

253 25.4 17.8 26.8

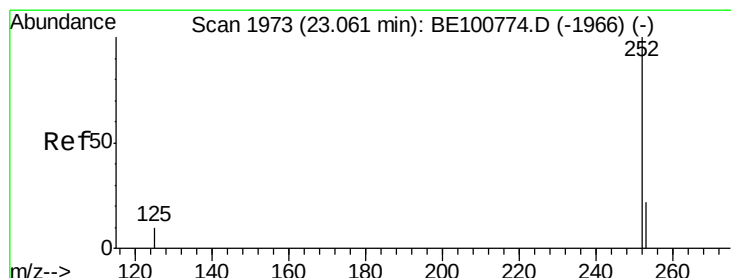
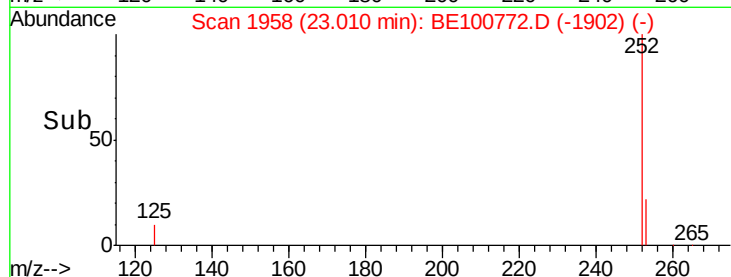
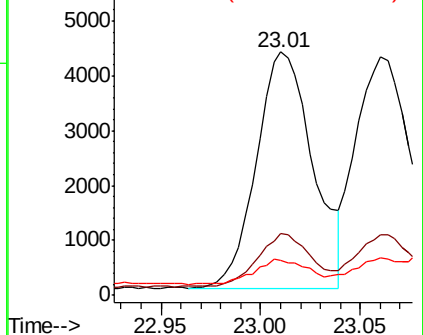
125 14.6 9.0 13.4#



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: 0.079 ng

RT: 23.06 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

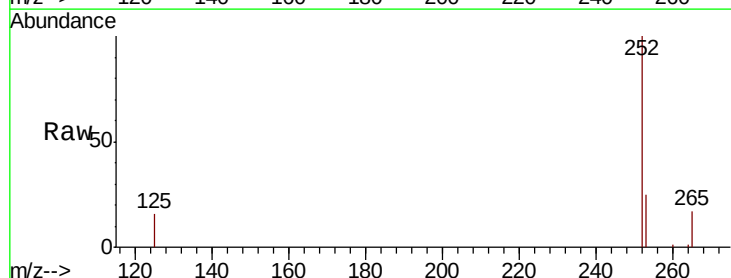
Tgt Ion:252 Resp: 8979

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

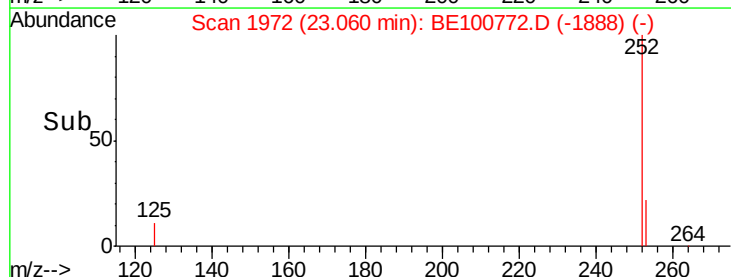
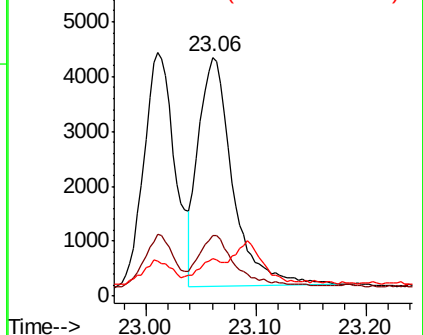
125 15.6 8.7 13.1#

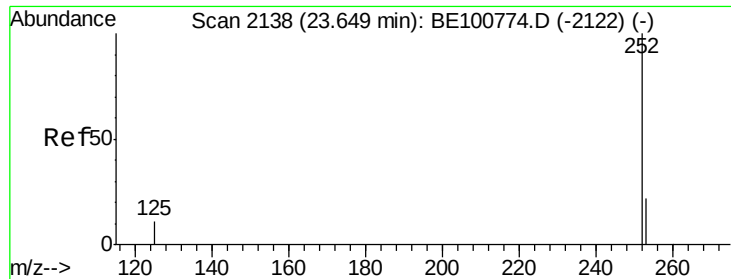


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.072 ng

RT: 23.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

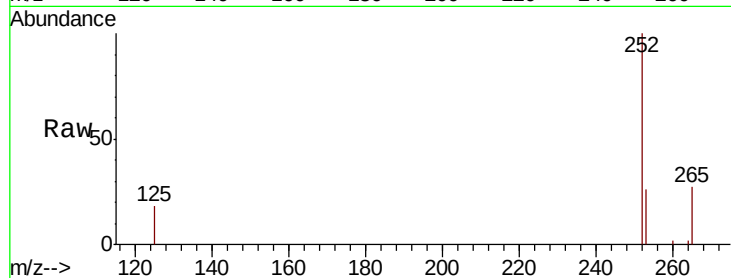
Tot Ion:252 Resp: 6905

Ion Ratio Lower Upper

252 100

253 26.1 18.2 27.4

125 17.6 10.4 15.6#

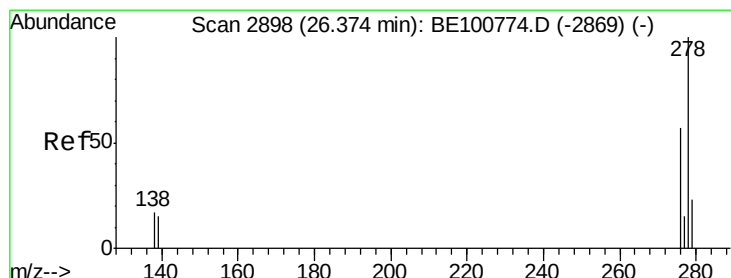
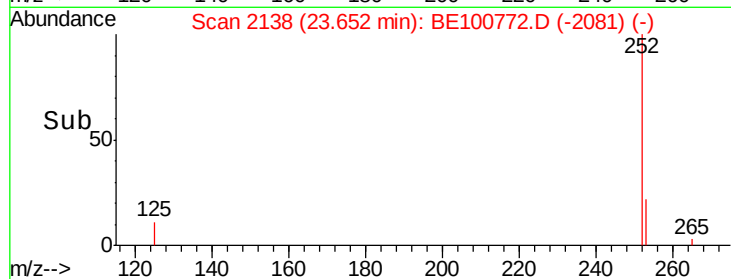
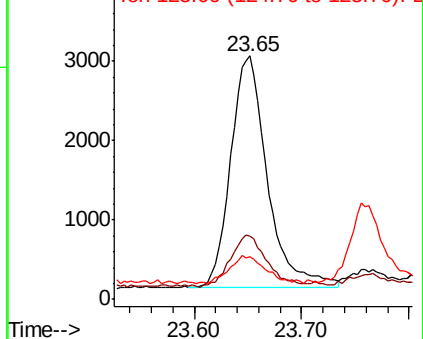


Abundance

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: 0.062 ng

RT: 26.37 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

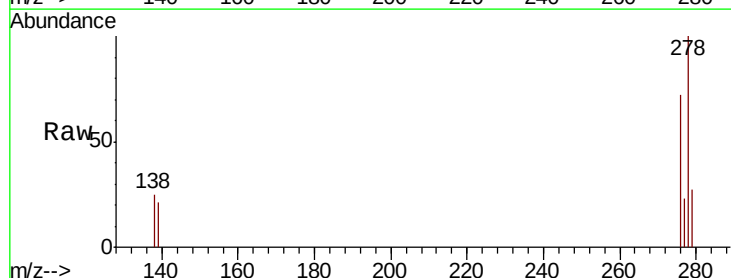
Tgt Ion:278 Resp: 6295

Ion Ratio Lower Upper

278 100

139 20.5 13.0 19.4#

279 27.2 19.6 29.4

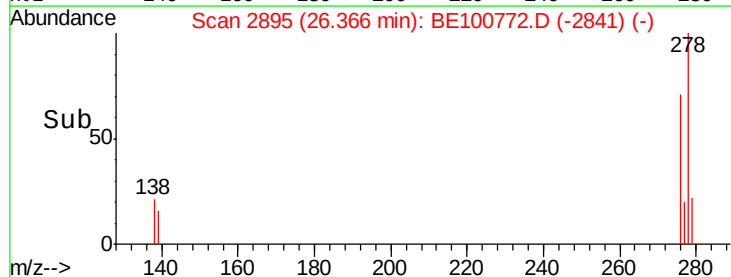
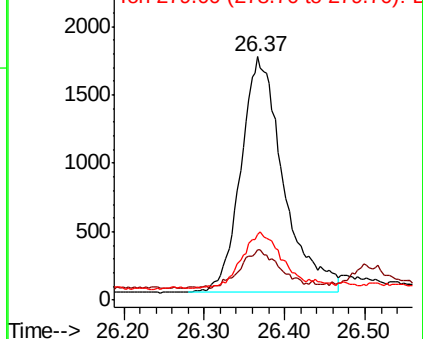


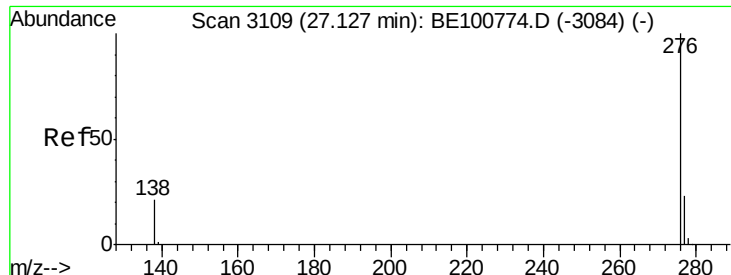
Abundance

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: 0.074 ng

RT: 27.12 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

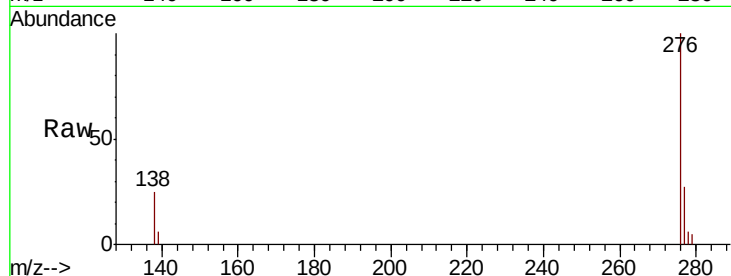
Tot Ion:276 Resp: 7813

Ion Ratio Lower Upper

276 100

277 26.7 19.3 28.9

138 25.0 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

