

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 :

Quant Time: Dec 04 15:52:55 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

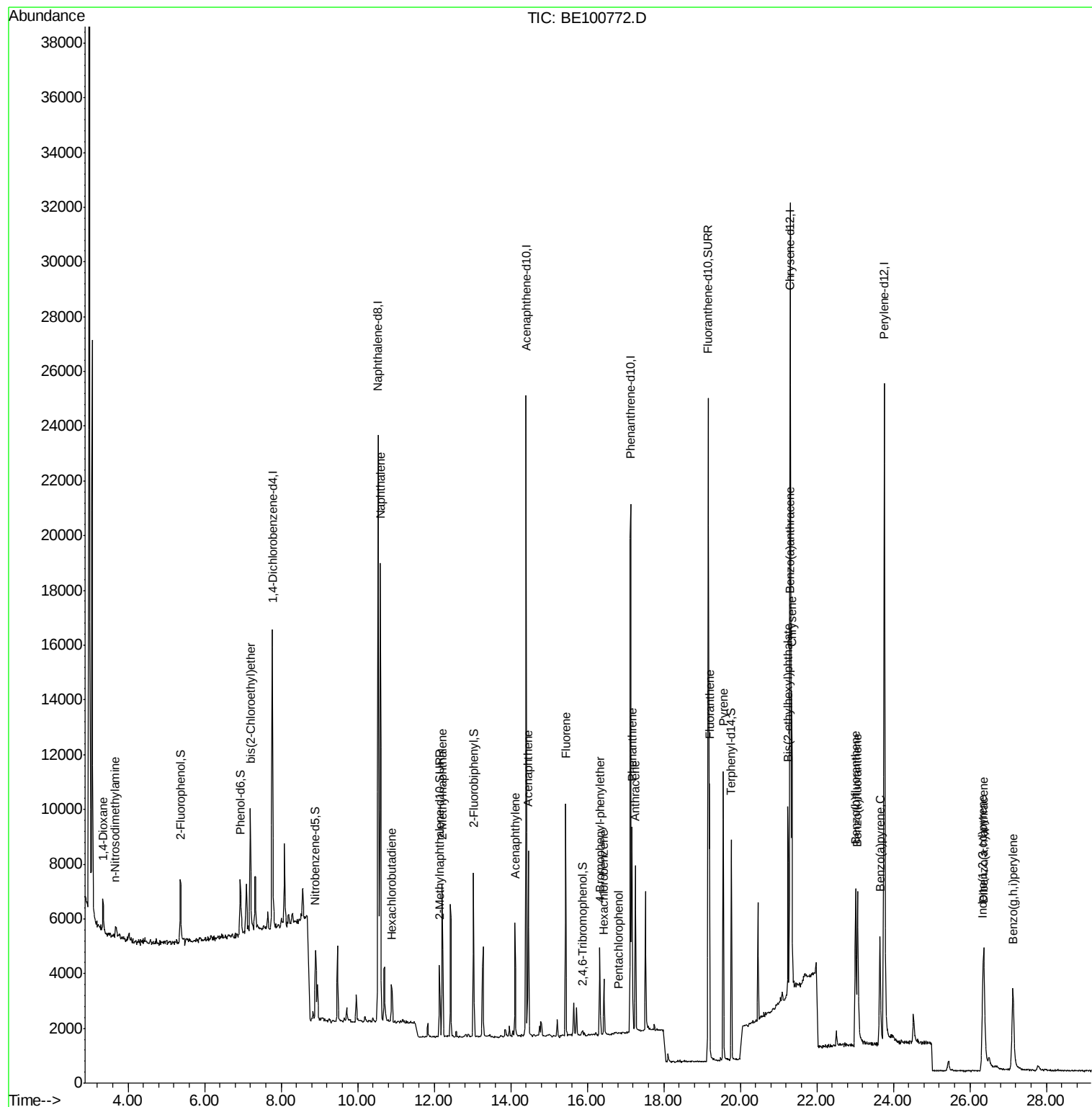
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1256	0.122	ng	89
3) n-Nitrosodimethylamine	3.67	42	585	0.077	ng	# 77
6) bis(2-Chloroethyl)ether	7.19	93	1893	0.105	ng	94
9) Naphthalene	10.59	128	26455	0.103	ng	100
10) Hexachlorobutadiene	10.89	225	1043	0.106	ng	95
12) 2-Methylnaphthalene	12.21	142	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
22) Pentachlorophenol	16.81	266	15	0.005	ng	89
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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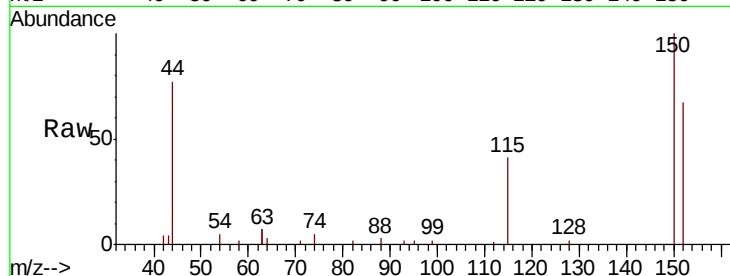


#1

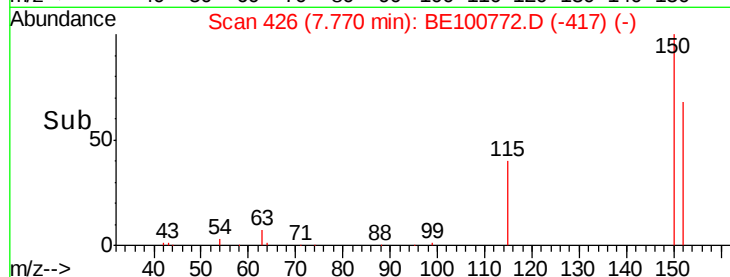
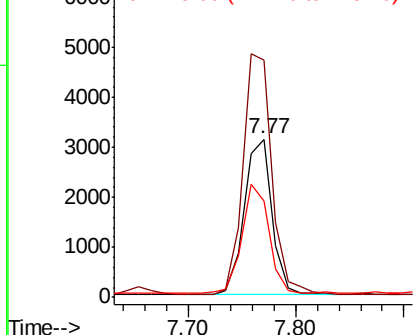
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Instrument :
BNA_E
ClientSampleId :

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



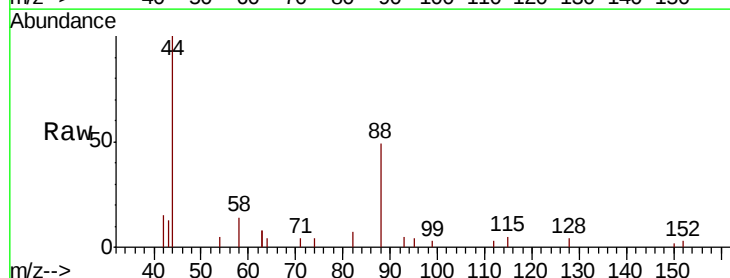
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



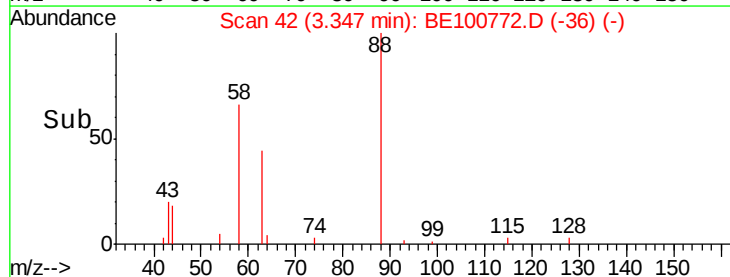
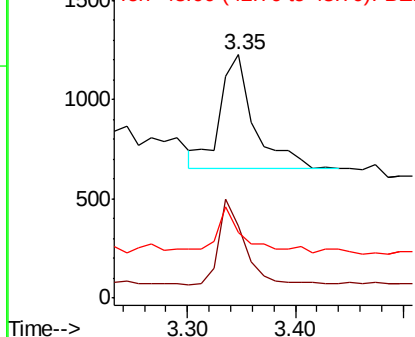
#2

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



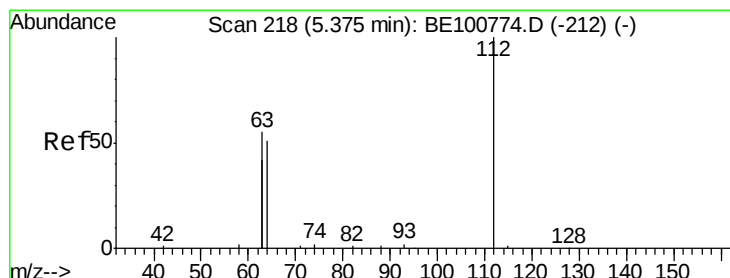
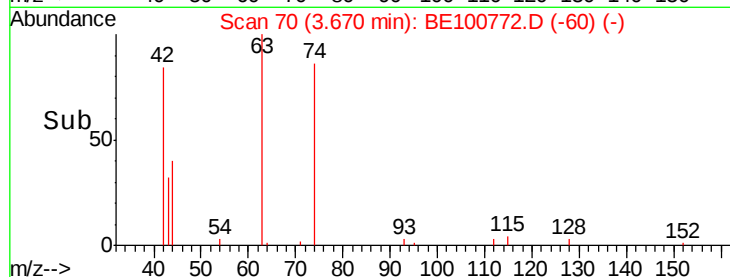
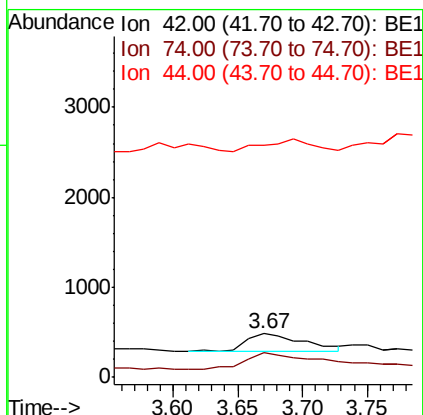
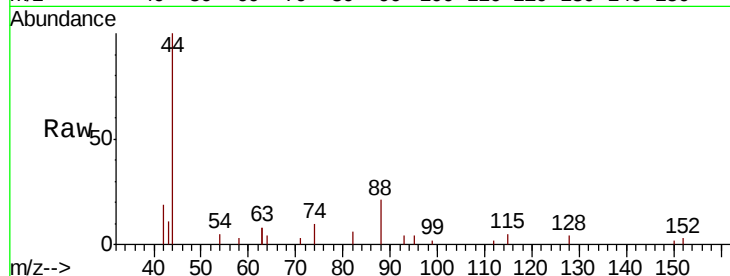


#3

n-Nitrosodimethylamine
 Concen: 0.077 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: BE100772.D
 Acq: 4 Dec 2019 12:37

Instrument :
 BNA_E
 ClientSampleId :

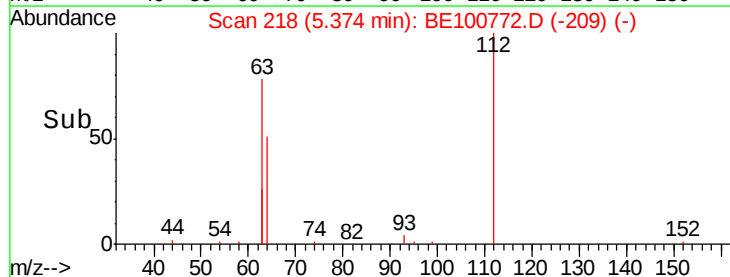
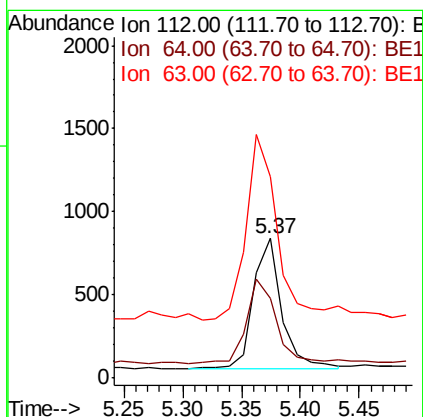
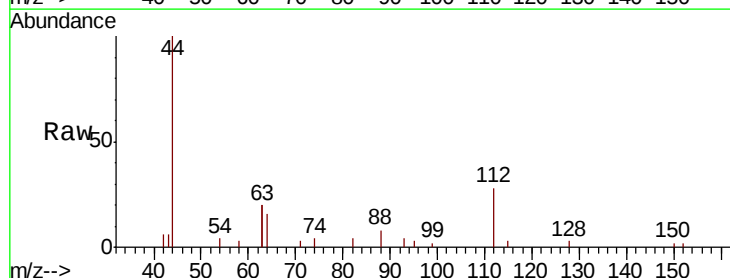
Tot Ion: 42 Resp: 585
 Ion Ratio Lower Upper
 42 100
 74 130.8 86.3 129.5#
 44 0.0 11.6 17.4#



#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

Tgt Ion: 112 Resp: 1325
 Ion Ratio Lower Upper
 112 100
 64 66.7 54.1 81.1
 63 153.4 113.2 169.8





#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

Instrument :

BNA_E

ClientSampled :

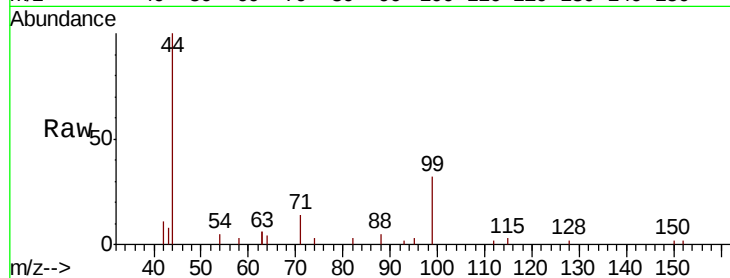
Tot Ion: 99 Resp: 1908

Ion Ratio Lower Upper

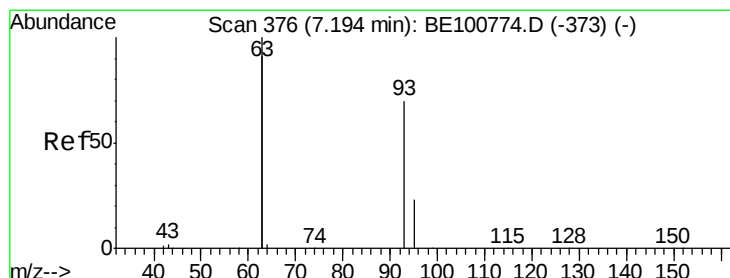
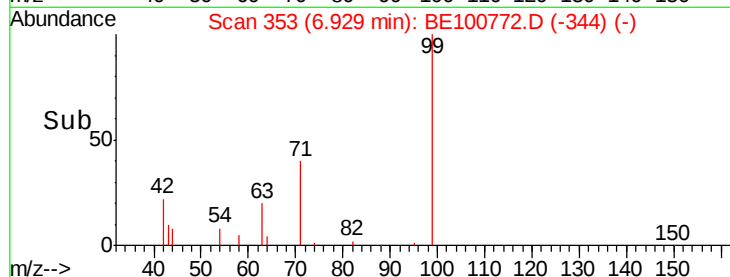
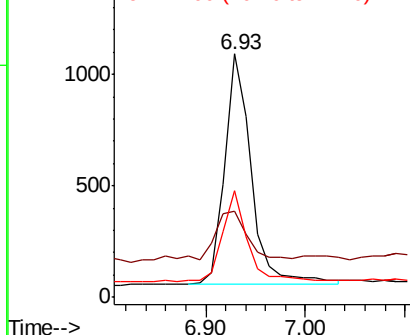
99 100

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

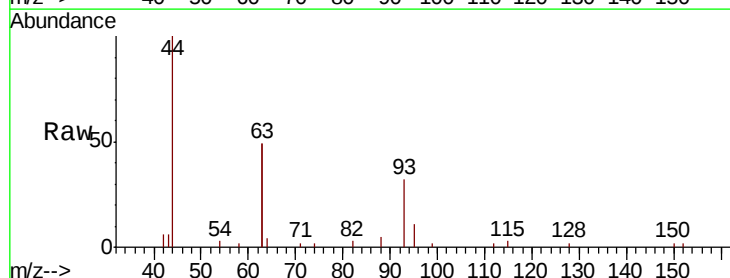
Tgt Ion: 93 Resp: 1893

Ion Ratio Lower Upper

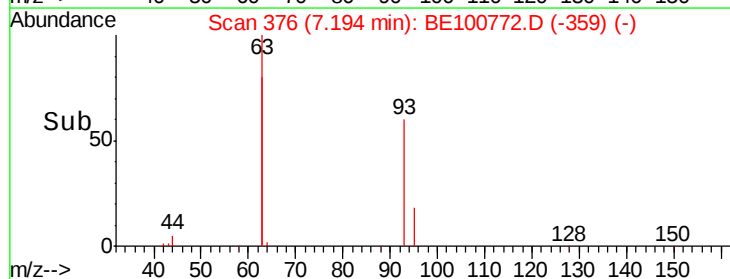
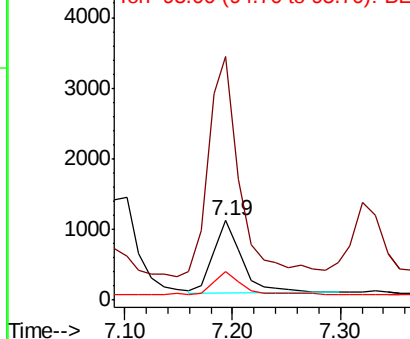
93 100

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

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 24180

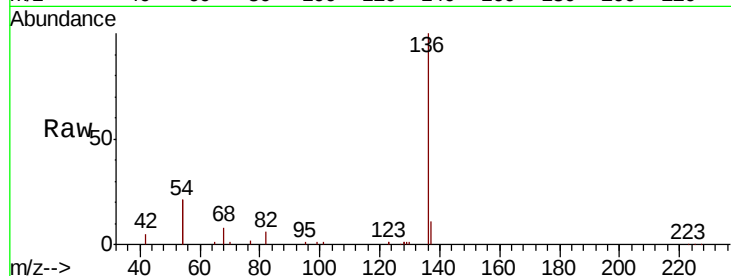
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.0

54 41.6 31.1 46.7

68 7.9 6.6 10.0

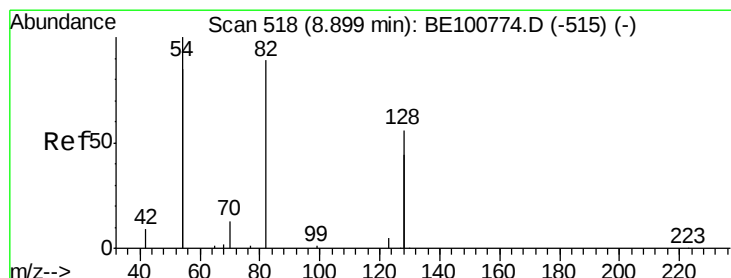
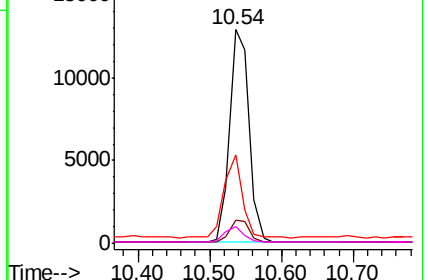
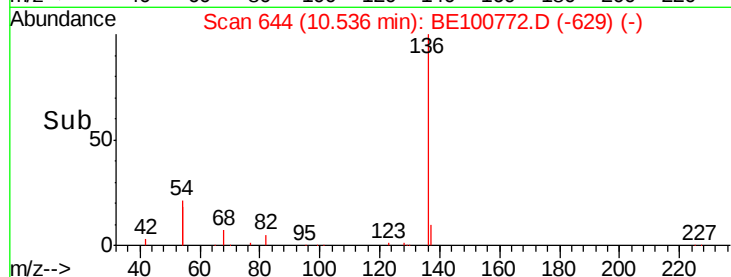


Abundance Ion 136.00 (135.70 to 136.70): E

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

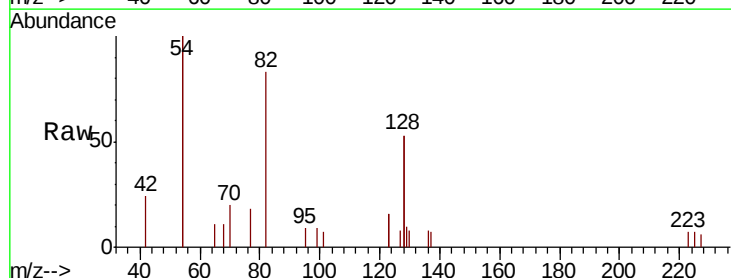
Tgt Ion: 82 Resp: 1058

Ion Ratio Lower Upper

82 100

128 127.4 97.0 145.4

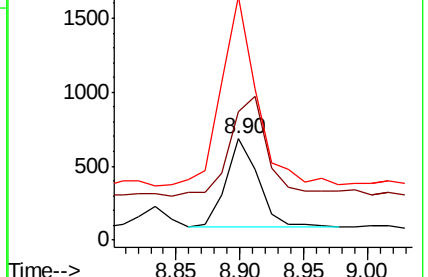
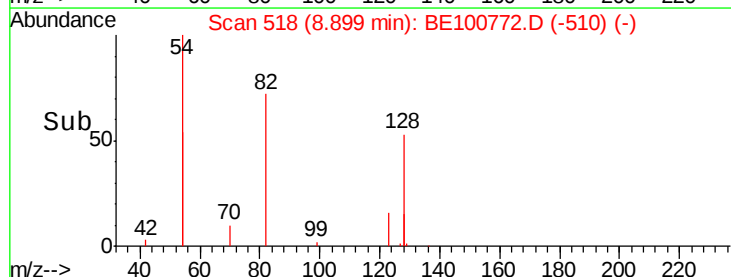
54 241.0 171.8 257.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_E

ClientSampleId :

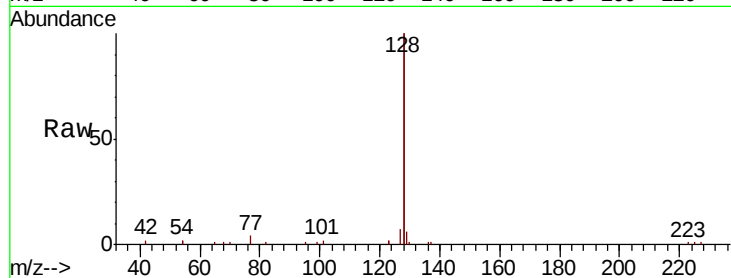
Tot Ion:128 Resp: 26455

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

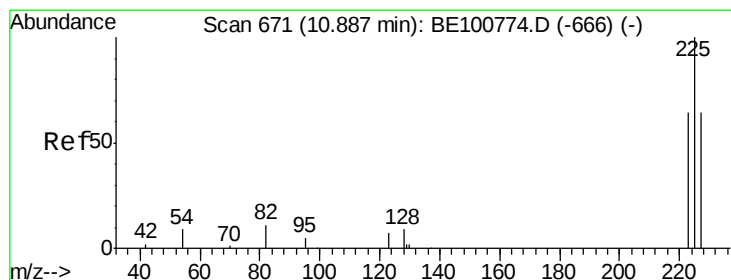
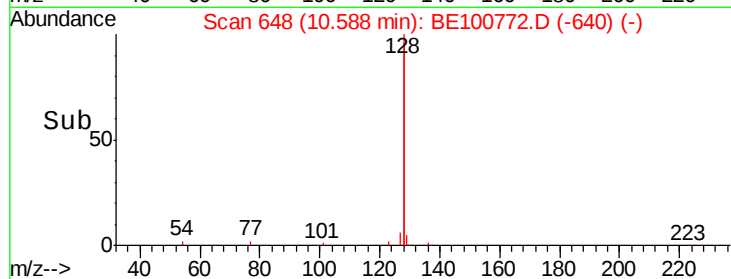
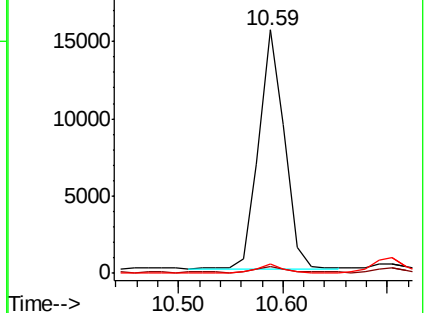
127 3.6 2.7 4.1



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

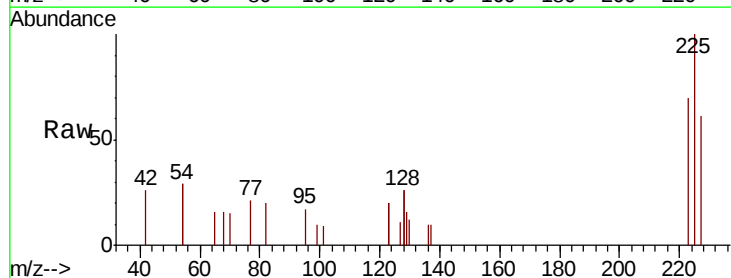
Tgt Ion:225 Resp: 1043

Ion Ratio Lower Upper

225 100

223 65.0 49.9 74.9

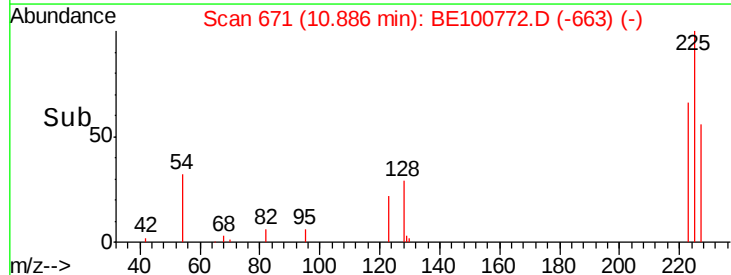
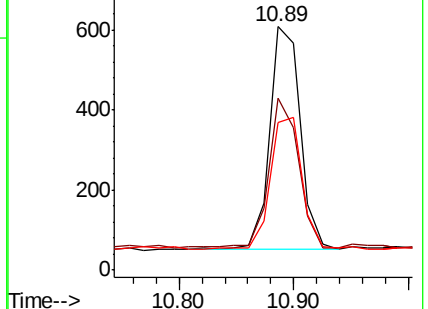
227 60.9 52.2 78.4



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

Instrument :

BNA_E

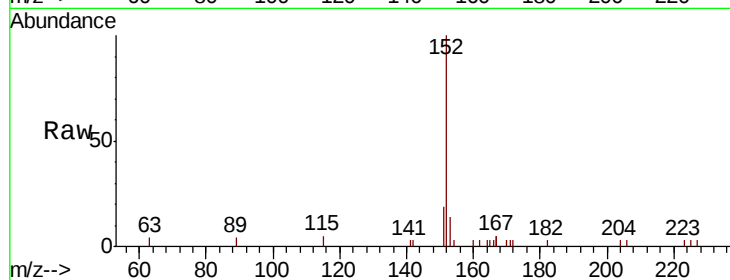
ClientSampleId :

Tot Ion:152 Resp: 3425

Ion Ratio Lower Upper

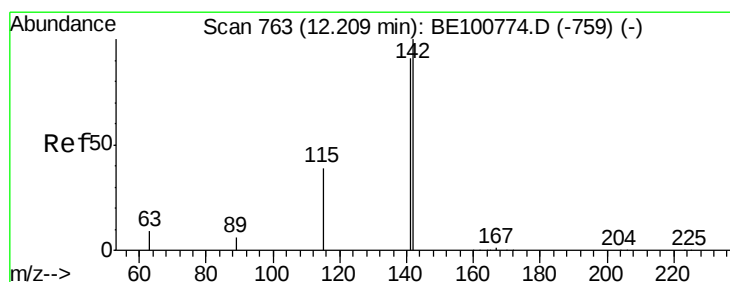
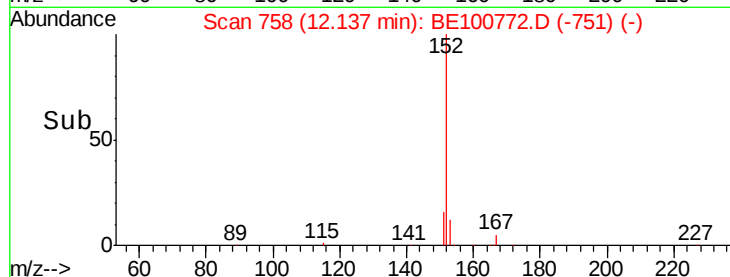
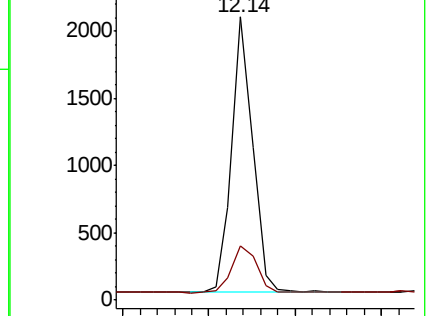
152 100

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

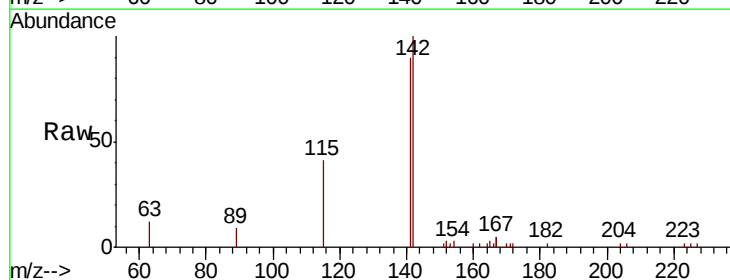
Tgt Ion:142 Resp: 3870

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8

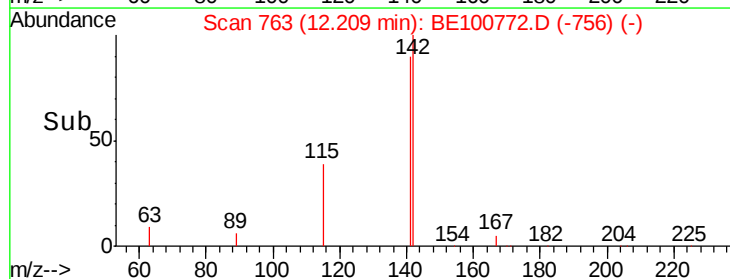
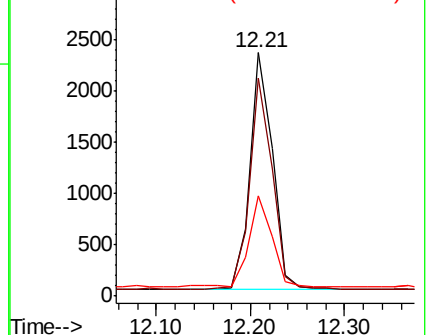
115 41.4 31.8 47.6



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

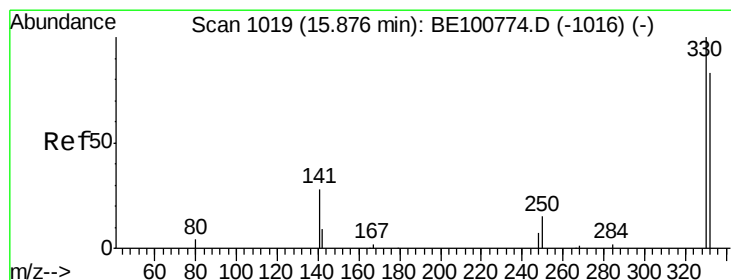
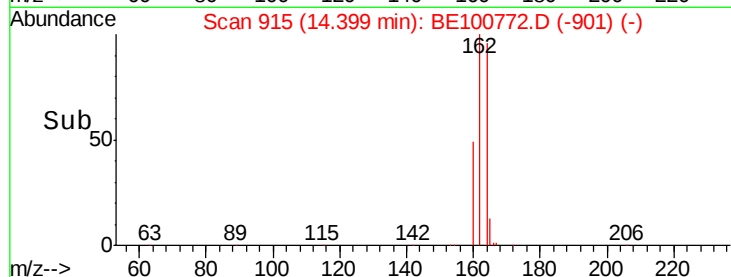
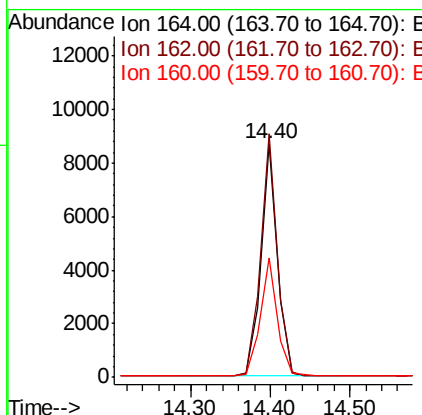
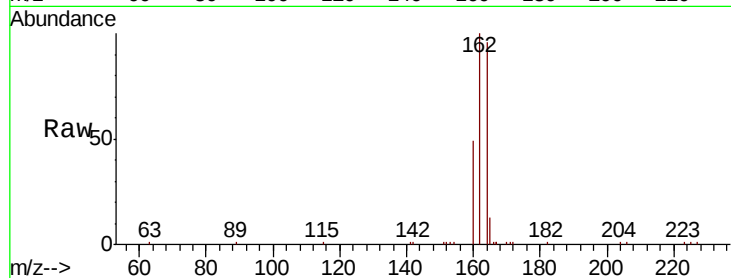




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

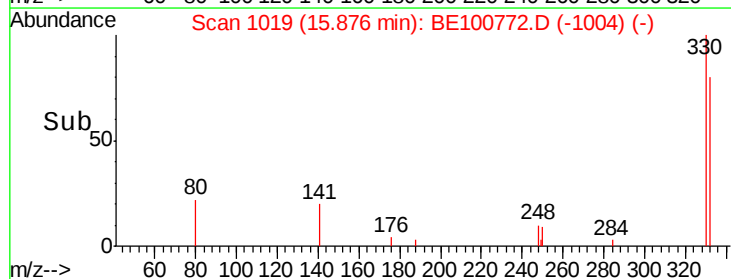
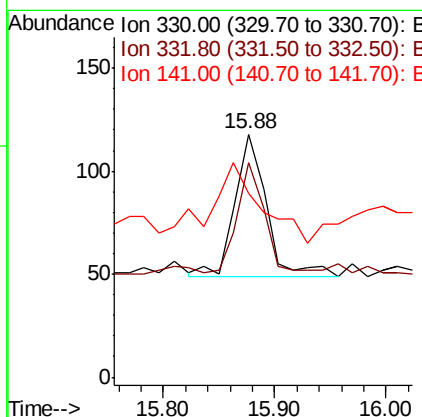
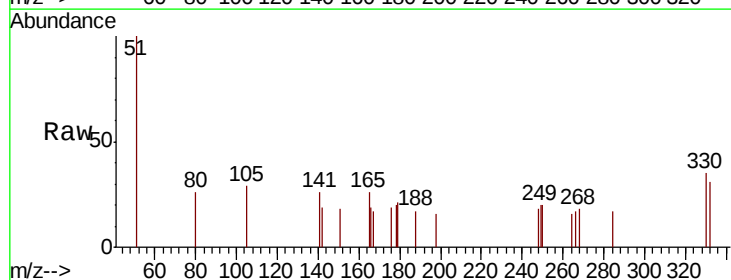
Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.4	122.0
160	51.1	39.4	59.0



#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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	69.4	69.4	104.2#
141	94.8	51.1	76.7#

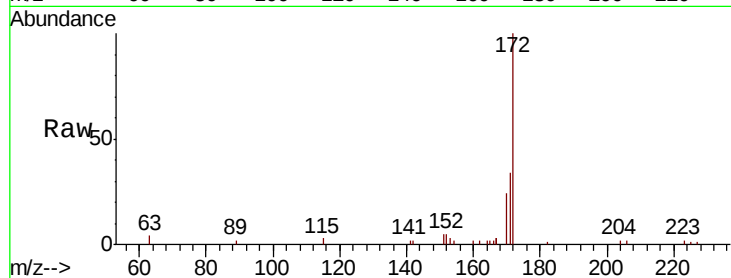




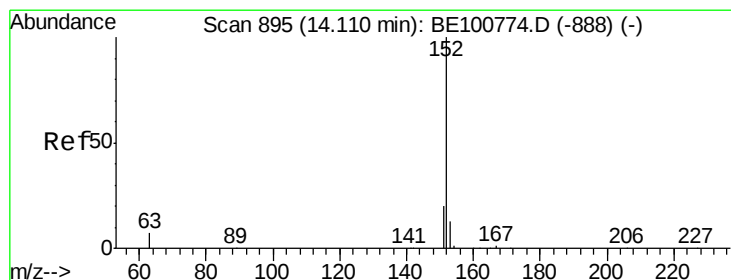
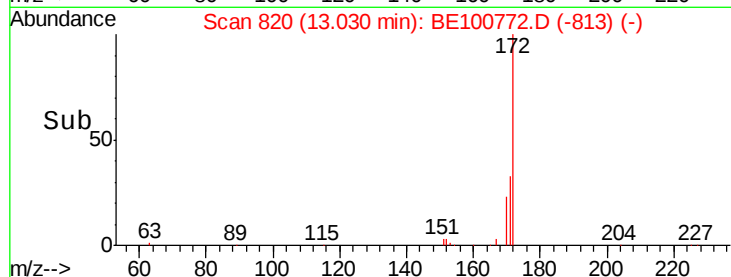
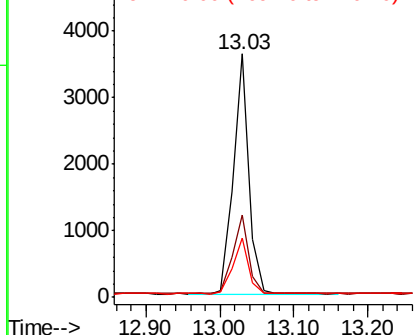
#15
2-Fluorobiphenyl
Concen: 0.110 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5280
Ion Ratio Lower Upper
172 100
171 33.6 27.2 40.8
170 24.4 18.0 27.0

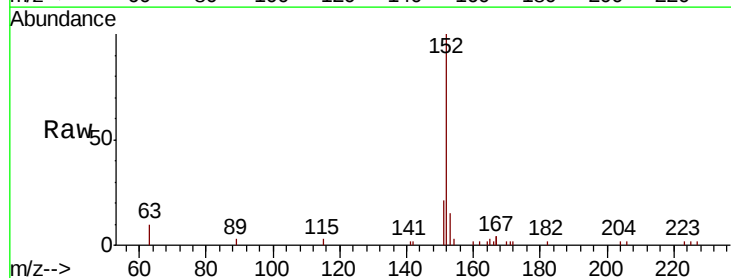


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

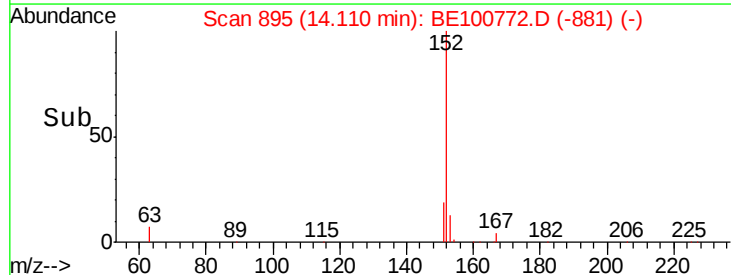
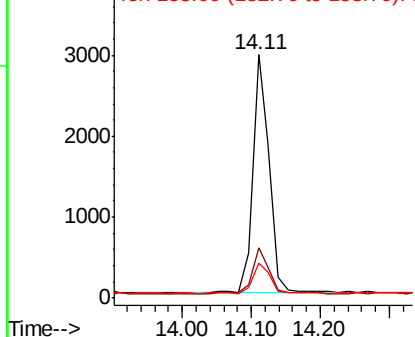


#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Tgt 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

Instrument :

BNA_E

ClientSampleId :

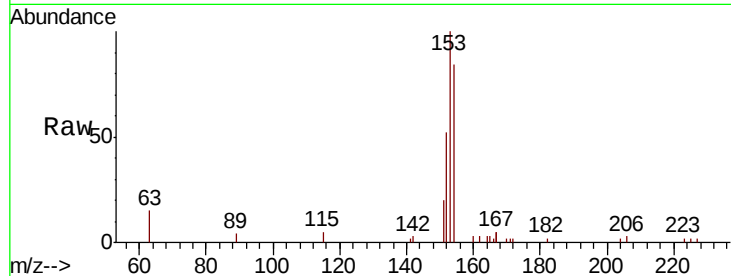
Tot Ion:154 Resp: 3446

Ion Ratio Lower Upper

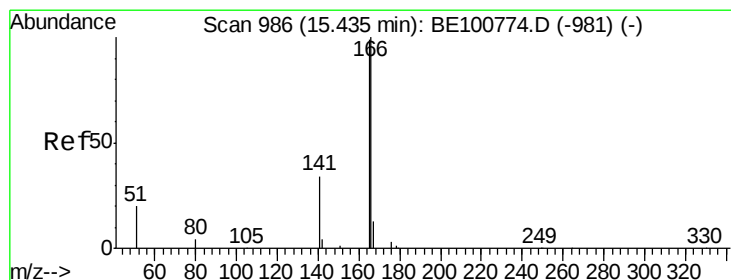
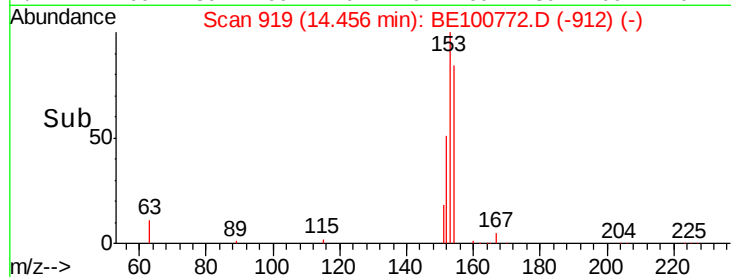
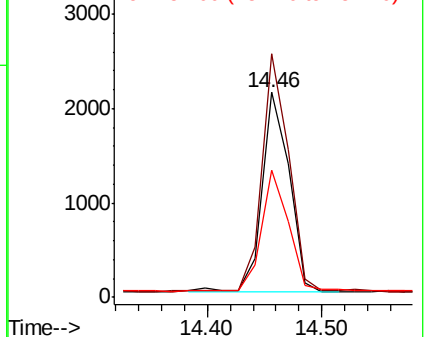
154 100

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

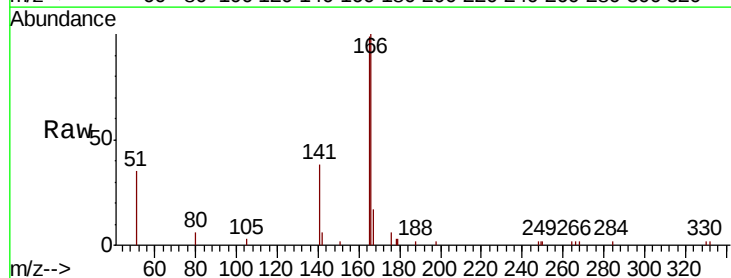
Tgt Ion:166 Resp: 4301

Ion Ratio Lower Upper

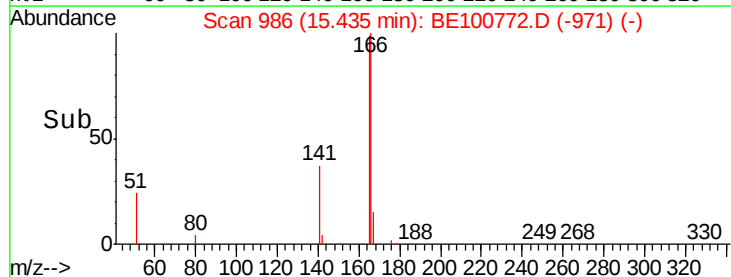
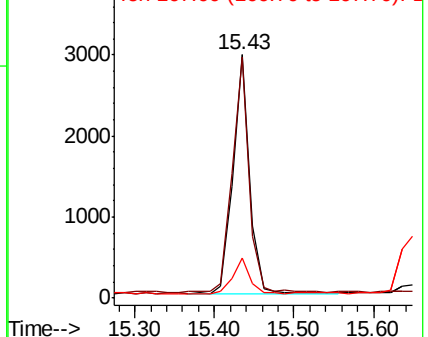
166 100

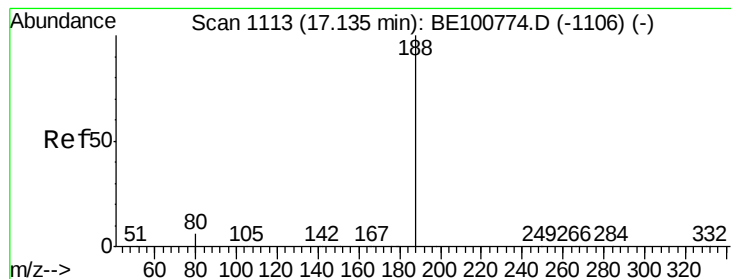
165 100.3 80.5 120.7

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

Instrument :

BNA_E

ClientSampled :

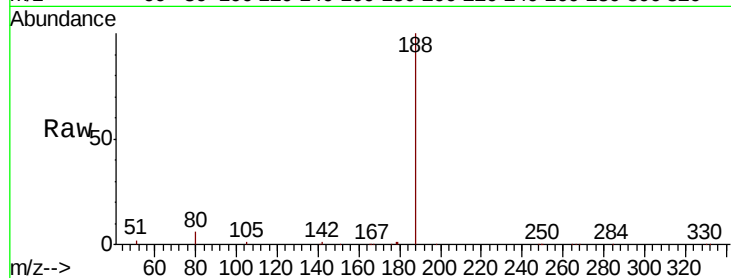
Tot Ion:188 Resp: 30592

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

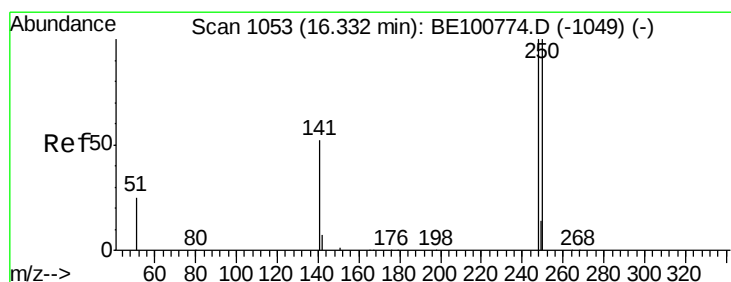
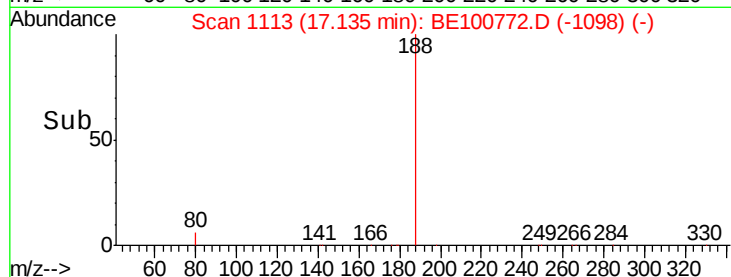
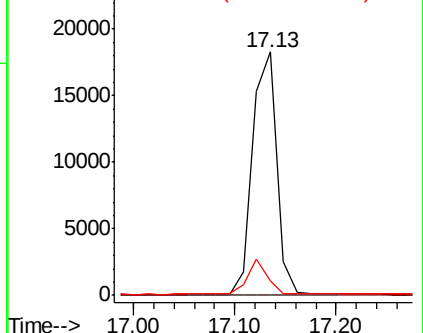
80 6.1 5.2 7.8



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

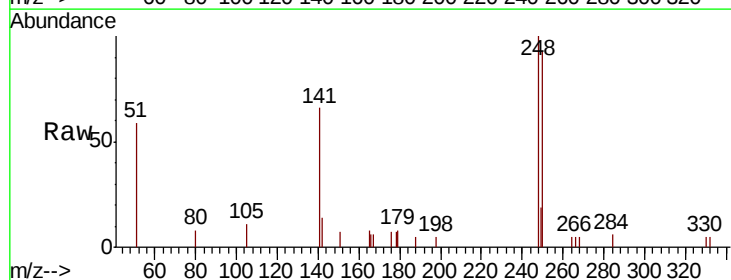
Tgt Ion:248 Resp: 1370

Ion Ratio Lower Upper

248 100

250 92.5 80.5 120.7

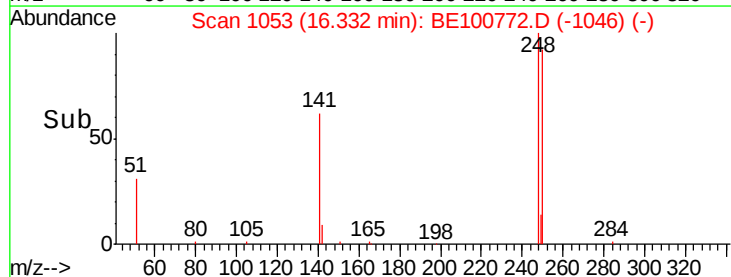
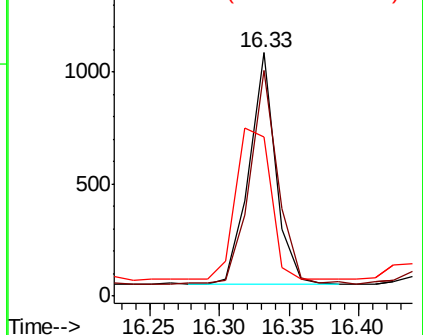
141 65.5 42.6 64.0#



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

Instrument :

BNA_E

ClientSampleId :

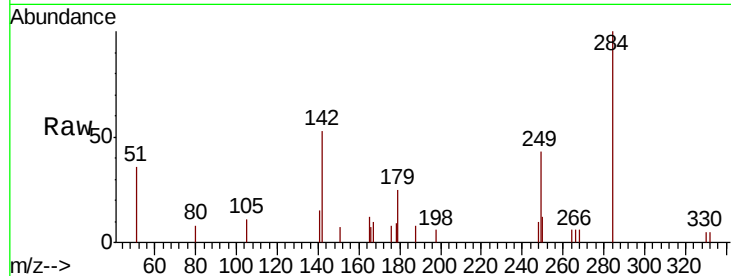
Tot Ion:284 Resp: 1570

Ion Ratio Lower Upper

284 100

142 43.1 34.4 51.6

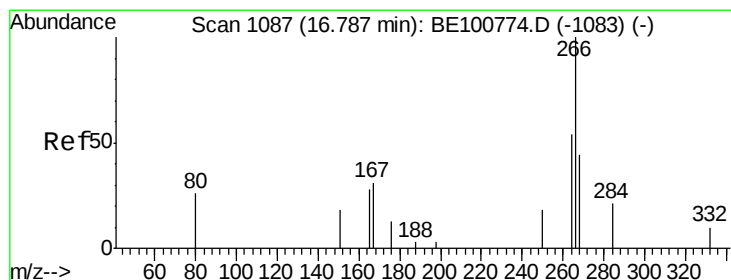
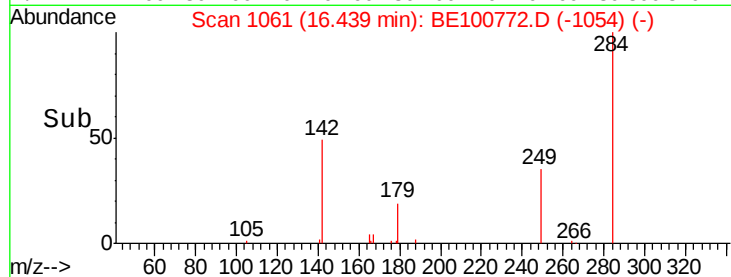
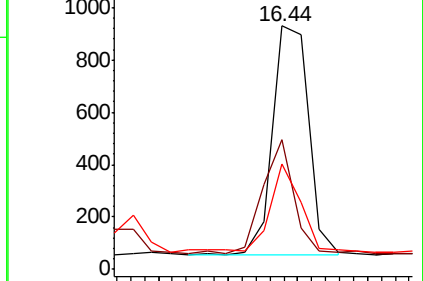
249 30.5 28.5 42.7



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



#22

Pentachlorophenol

Concen: 0.005 ng

RT: 16.81 min Scan# 1089

Delta R.T. 0.03 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

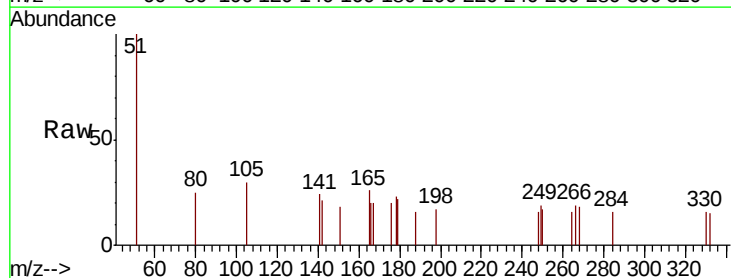
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 85.9 63.4 95.0

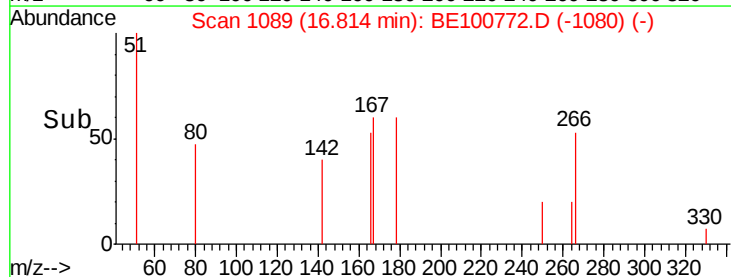
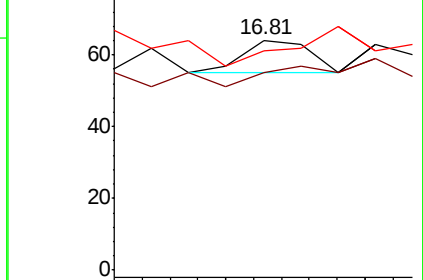
268 95.3 65.8 98.8



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: 0.097 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 :

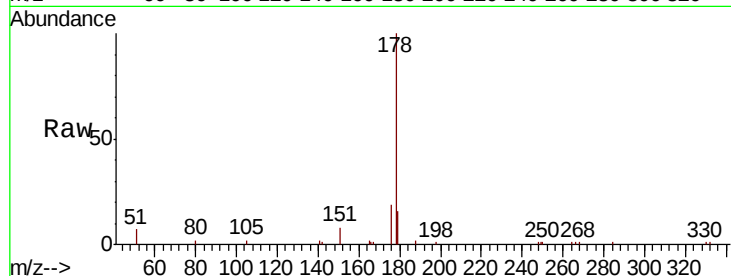
Tot Ion:178 Resp: 8913

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

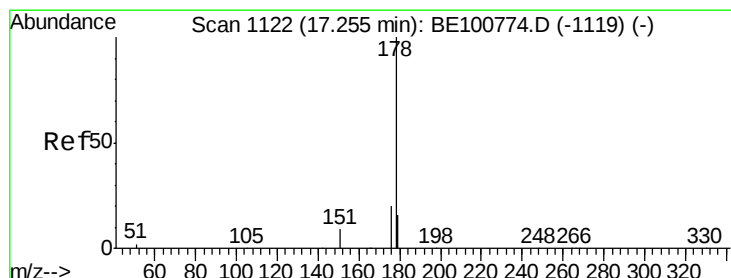
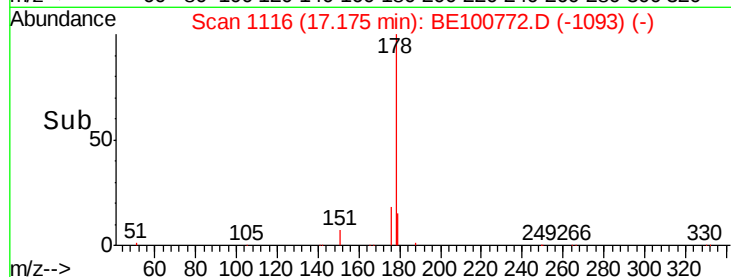
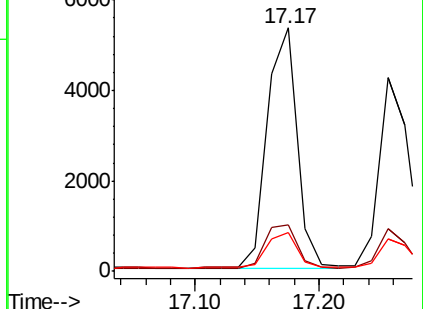
179 16.0 12.3 18.5



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: 0.087 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

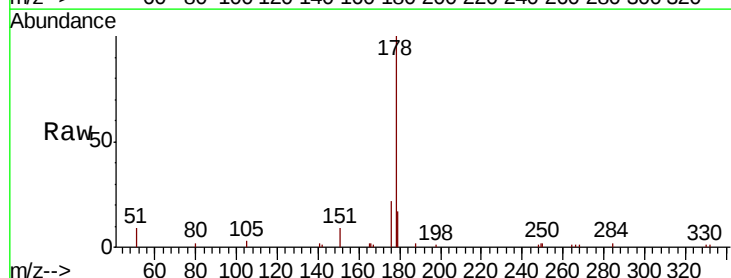
Tgt Ion:178 Resp: 6904

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

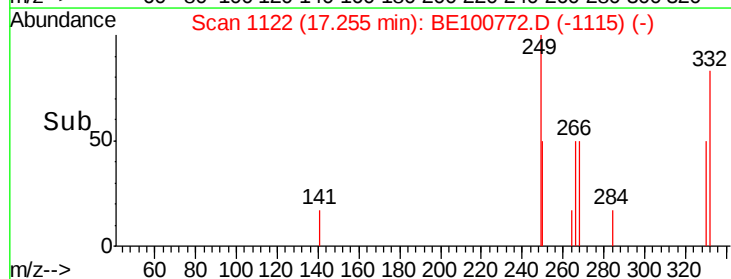
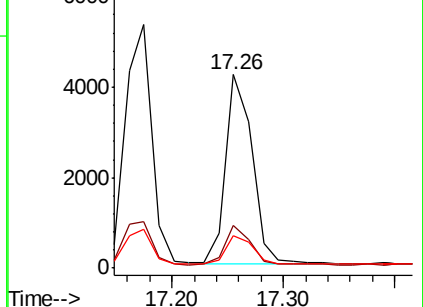
179 15.9 12.7 19.1

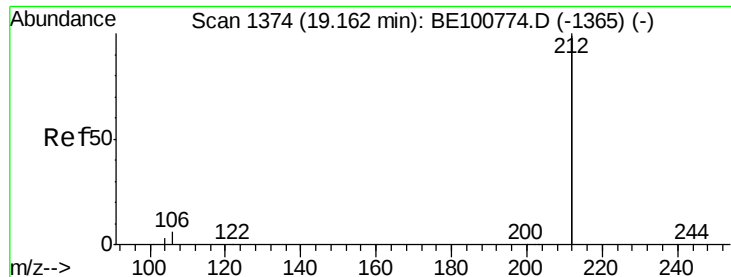


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.083 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 :

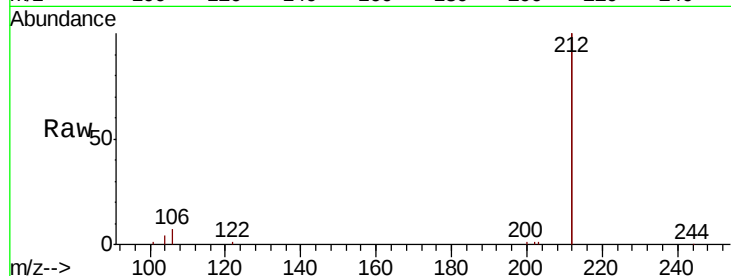
Tot Ion:212 Resp: 31231

Ion Ratio Lower Upper

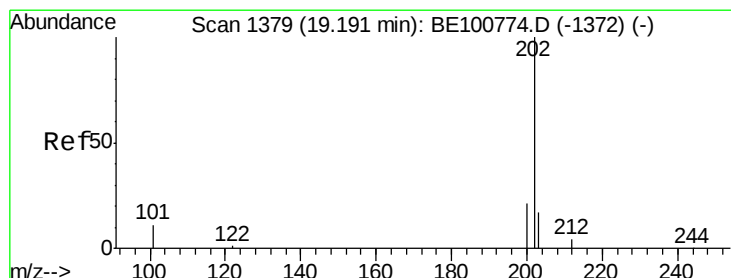
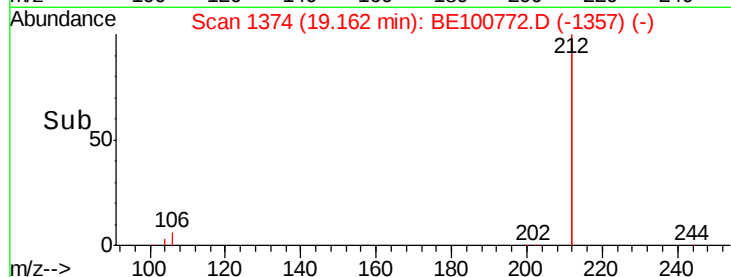
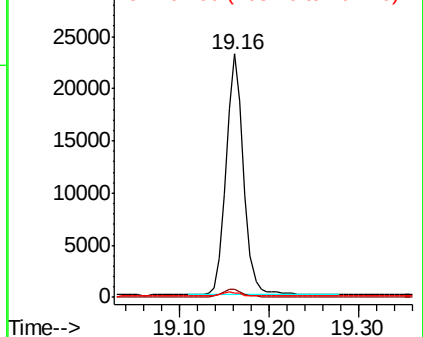
212 100

106 3.3 2.6 3.8

104 1.8 1.4 2.2



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: 0.079 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

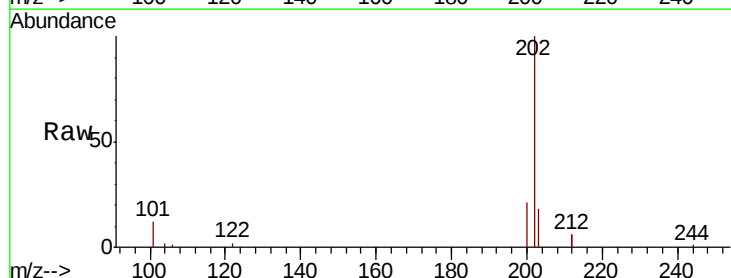
Tgt Ion:202 Resp: 8932

Ion Ratio Lower Upper

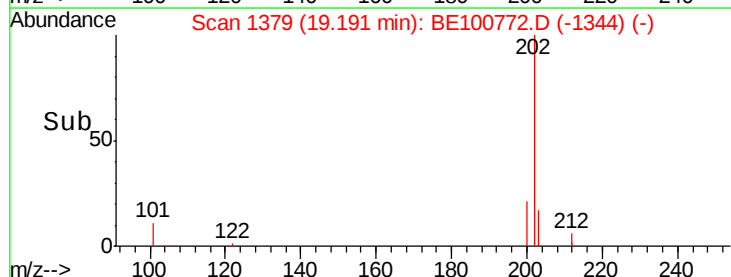
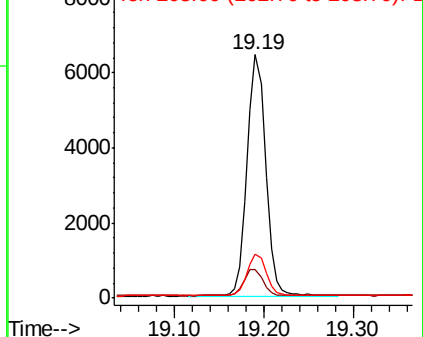
202 100

101 11.3 9.1 13.7

203 17.1 13.8 20.6



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

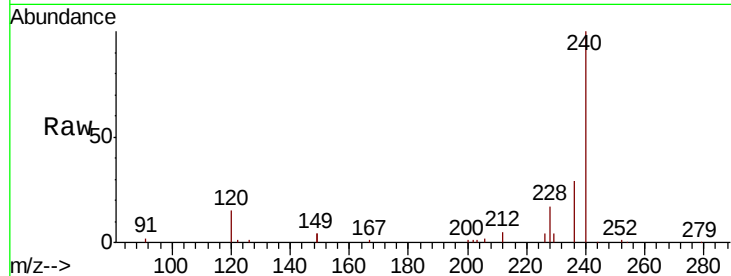




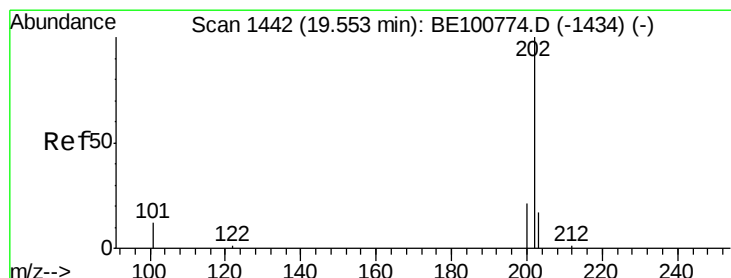
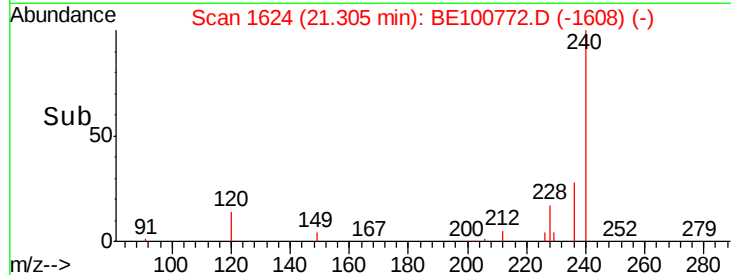
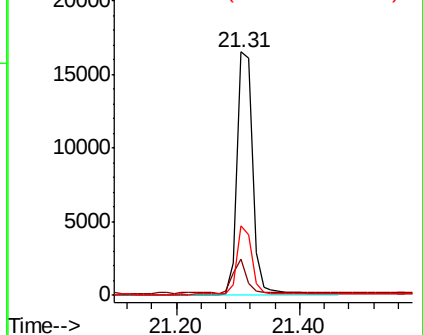
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

Instrument :
BNA_E
ClientSampleId :

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

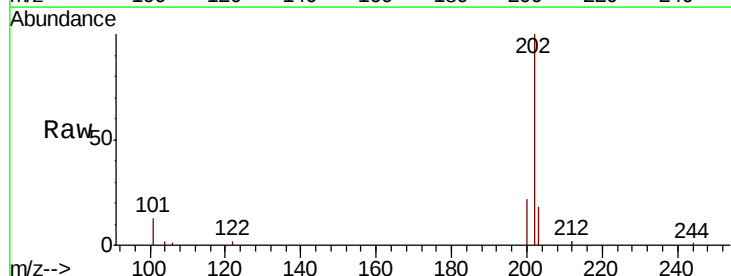


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

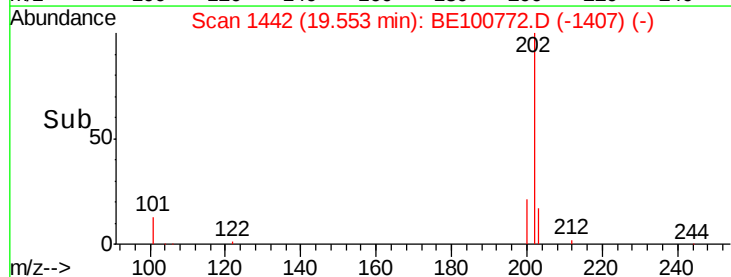
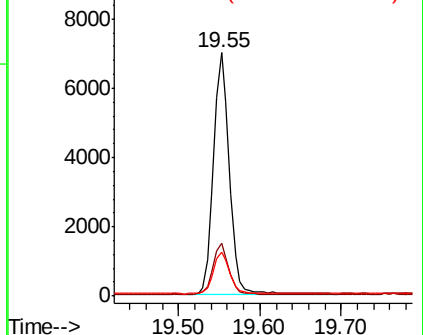


#28
Pyrene
Concen: 0.107 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE100772.D
Acq: 4 Dec 2019 12:37

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



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.103 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 :

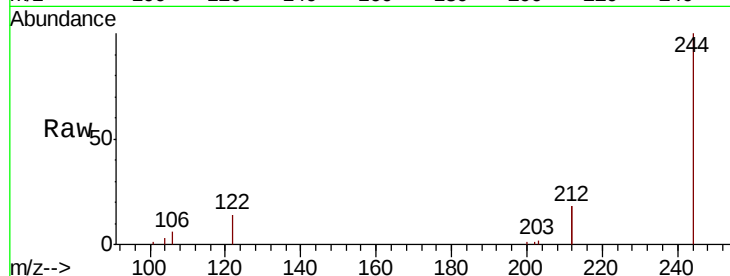
Tot Ion:244 Resp: 6751

Ion Ratio Lower Upper

244 100

212 36.1 26.2 39.4

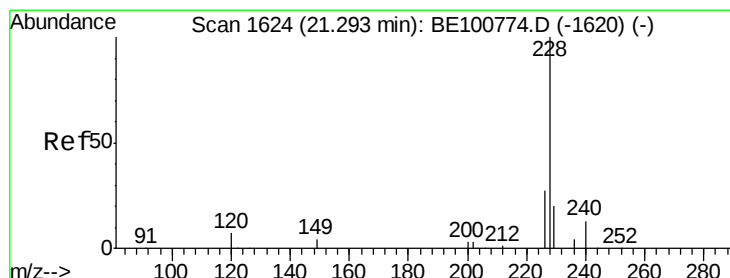
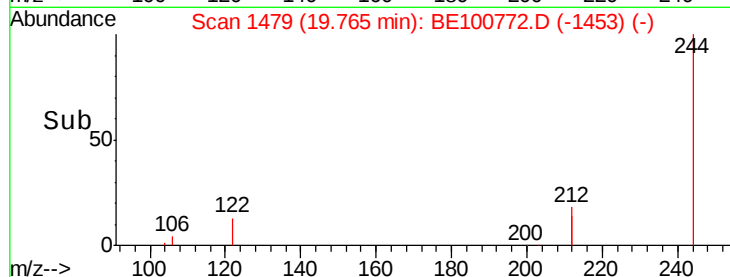
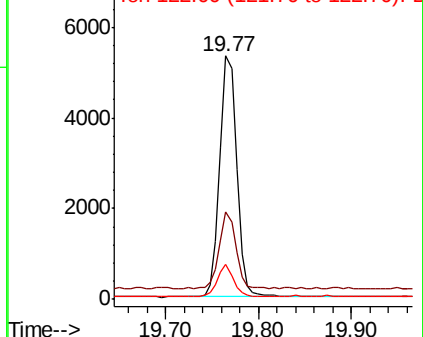
122 14.2 10.2 15.4



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

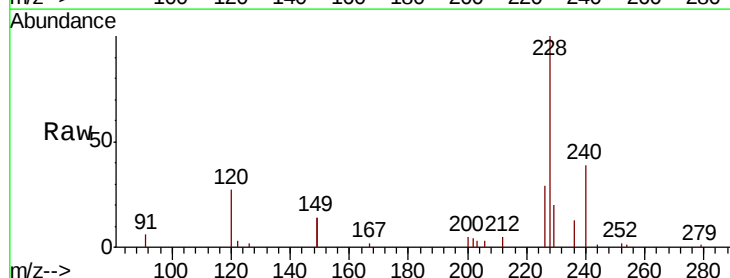
Tgt Ion:228 Resp: 7837

Ion Ratio Lower Upper

228 100

226 29.1 21.5 32.3

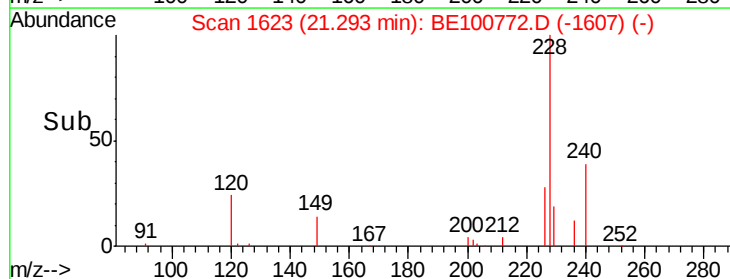
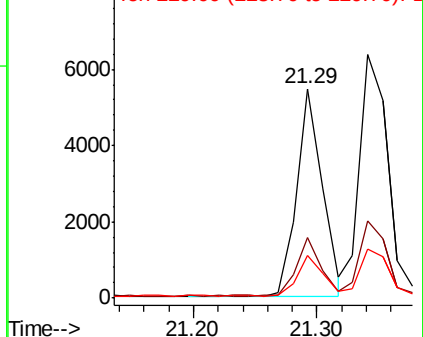
229 20.3 16.0 24.0



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

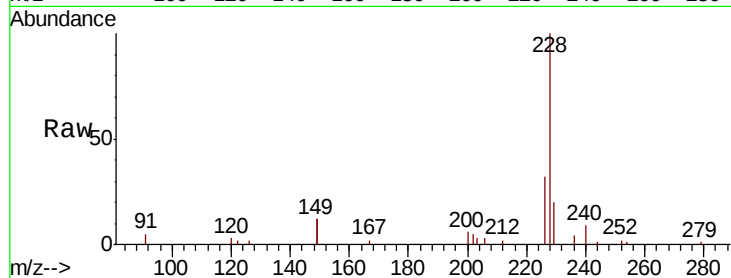
Instrument :

BNA_E

ClientSampleId :

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

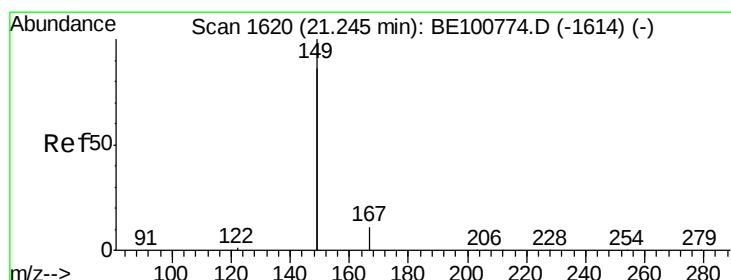
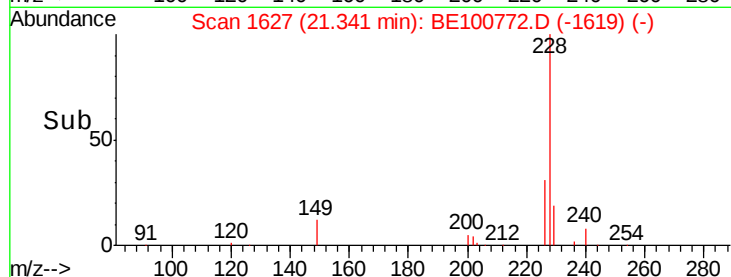
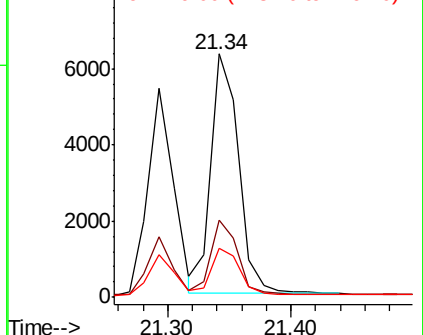


Abundance

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

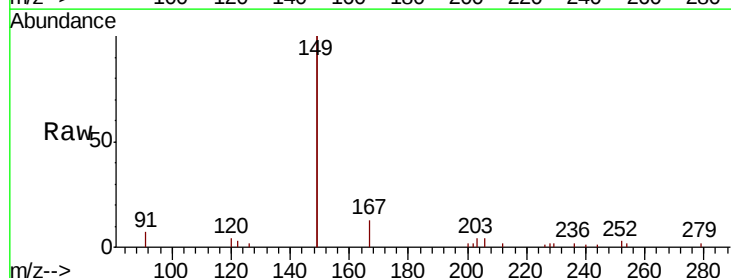
Delta R.T. -0.00 min

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

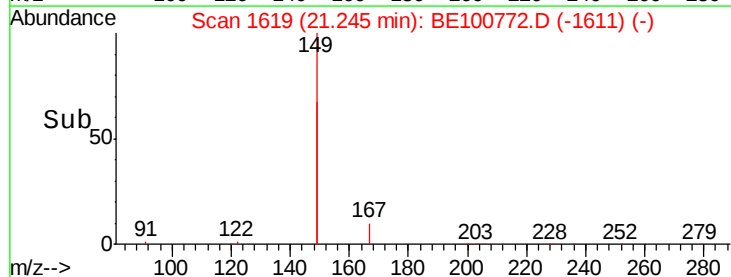
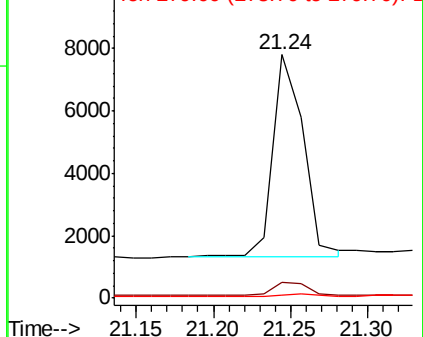


Abundance

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 :

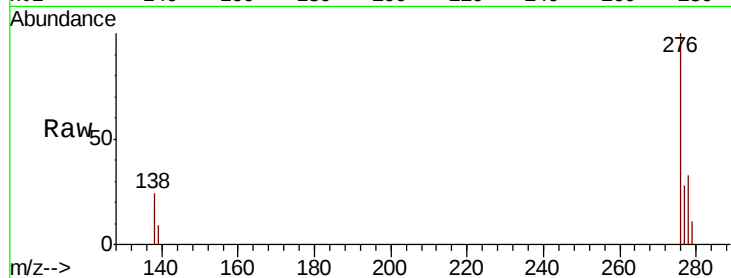
Tot Ion:276 Resp: 8089

Ion Ratio Lower Upper

276 100

138 10.6 19.4 29.0#

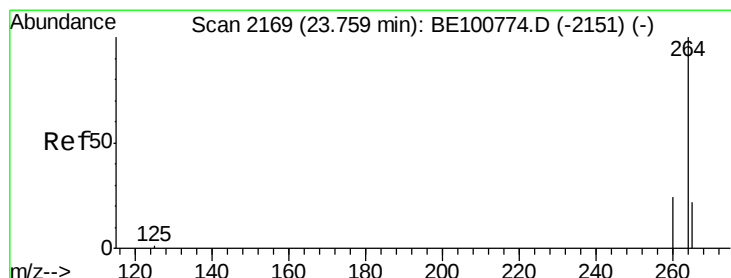
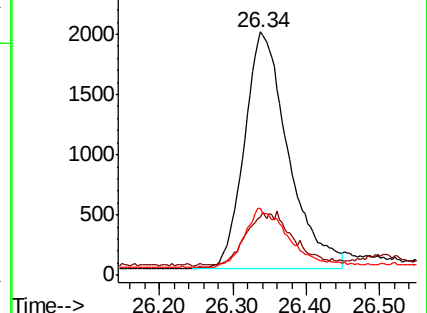
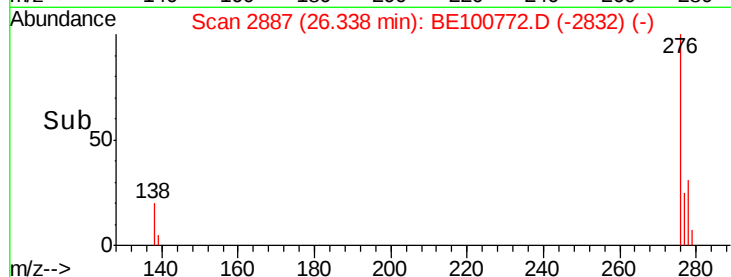
277 25.0 19.8 29.6



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

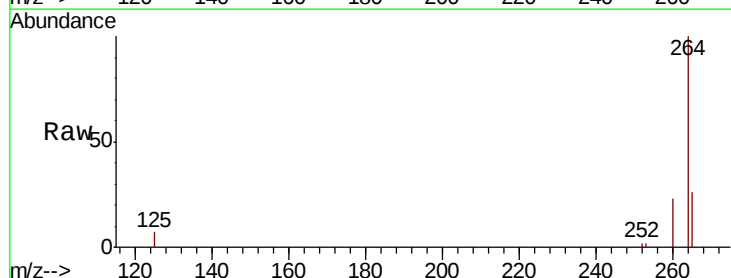
Tgt Ion:264 Resp: 34865

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

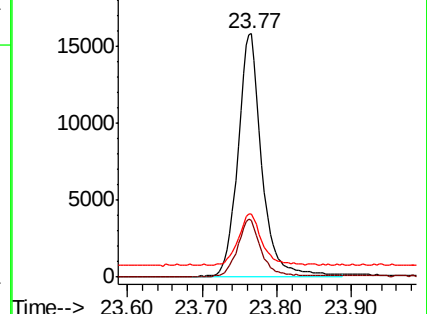
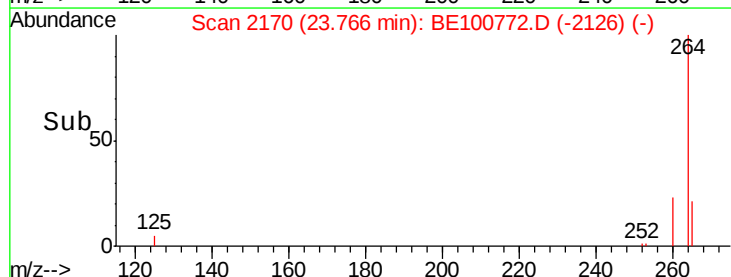
265 25.9 21.8 32.8



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 :

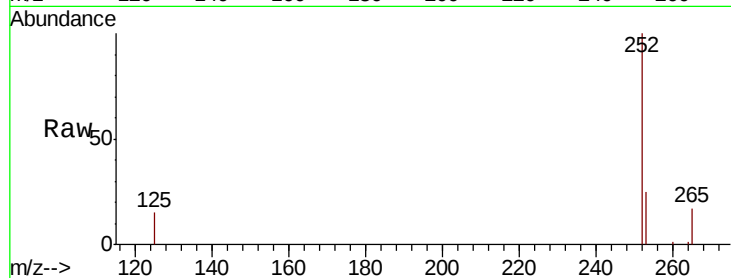
Tot Ion:252 Resp: 8513

Ion Ratio Lower Upper

252 100

253 25.4 17.8 26.8

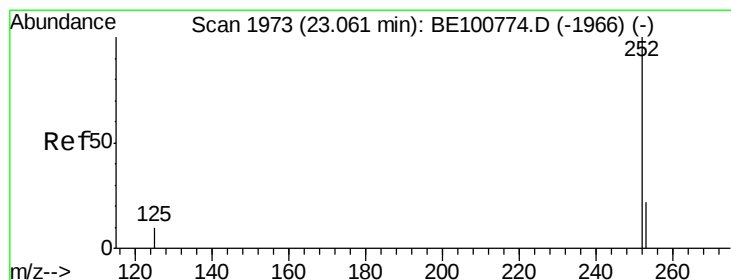
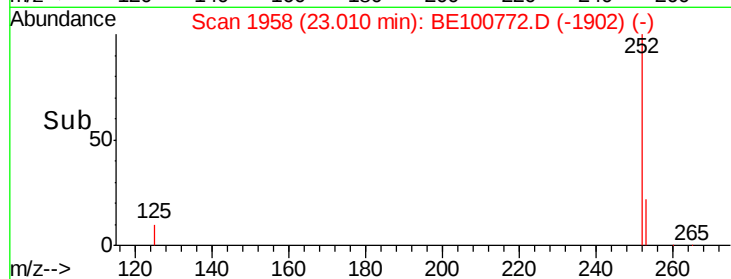
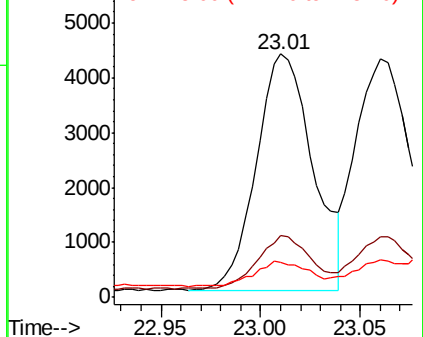
125 14.6 9.0 13.4#



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

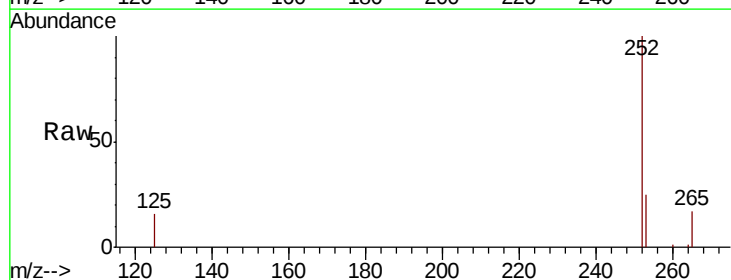
Tgt Ion:252 Resp: 8979

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

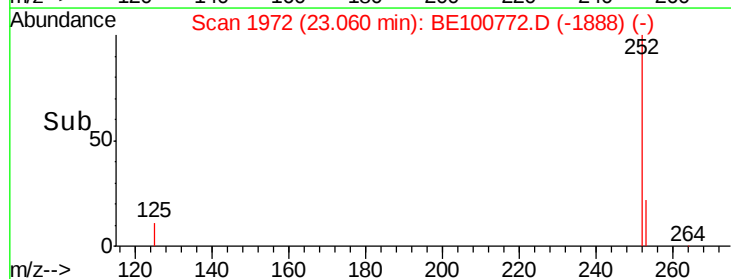
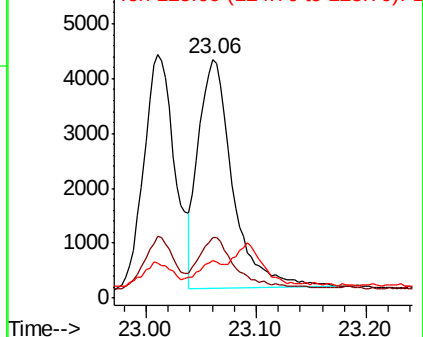
125 15.6 8.7 13.1#



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 :

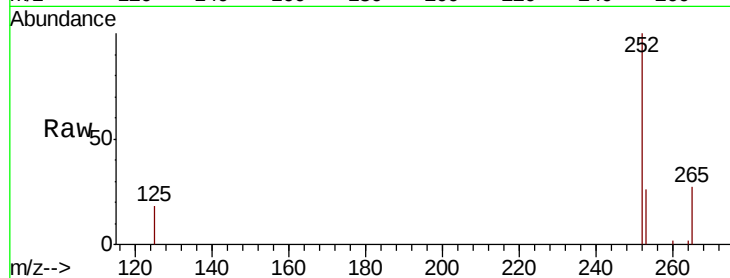
Tot Ion:252 Resp: 6905

Ion Ratio Lower Upper

252 100

253 26.1 18.2 27.4

125 17.6 10.4 15.6#

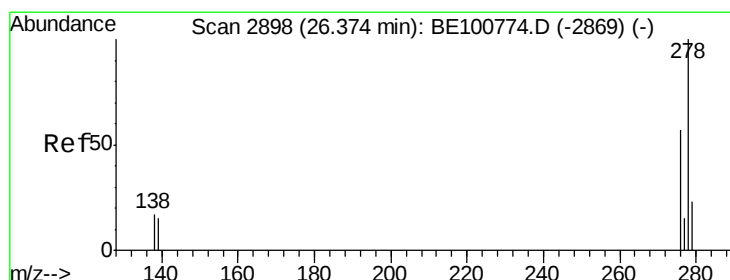
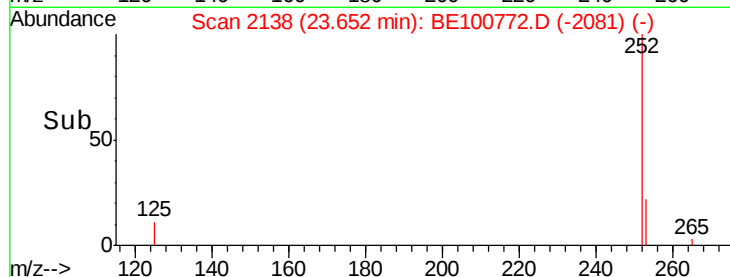
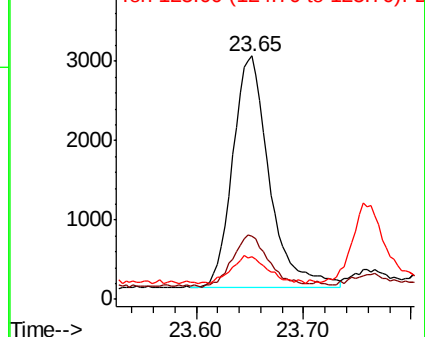


Abundance

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

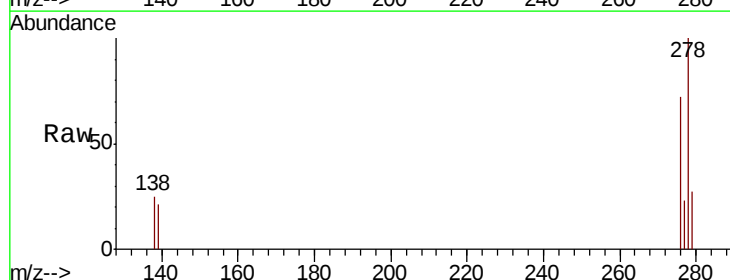
Tgt Ion:278 Resp: 6295

Ion Ratio Lower Upper

278 100

139 20.5 13.0 19.4#

279 27.2 19.6 29.4

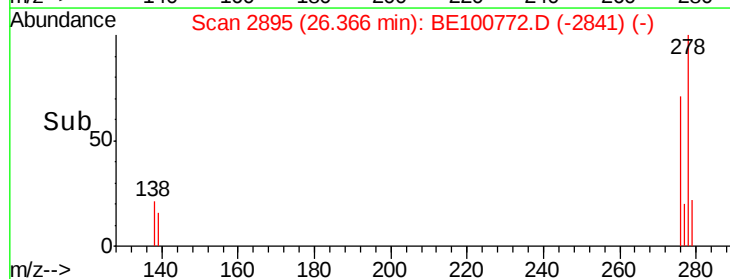
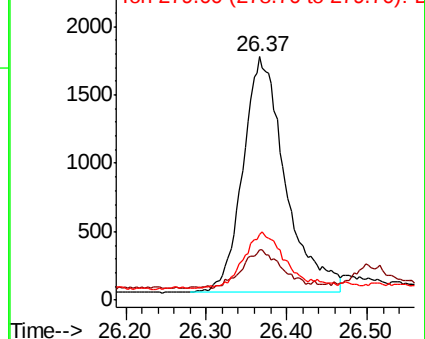


Abundance

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

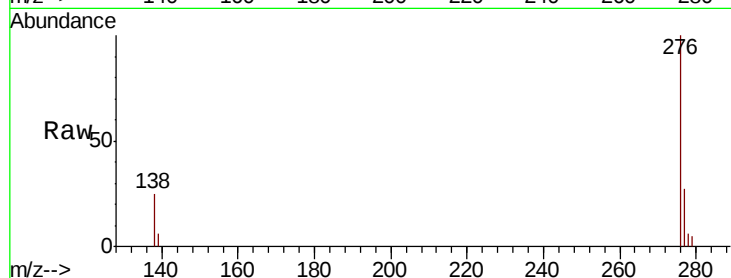
Lab File: BE100772.D

Acq: 4 Dec 2019 12:37

Instrument :

BNA_E

ClientSampleId :



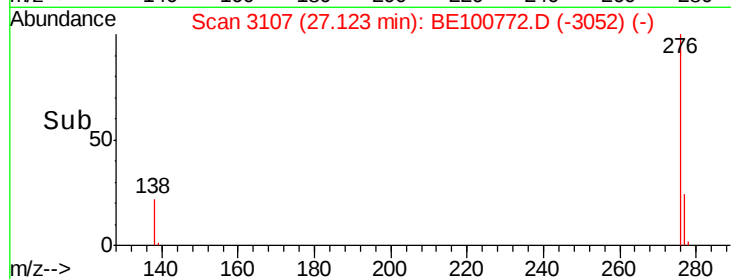
Tot Ion: 276 Resp: 7813

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

