

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
 Data File : BE100776.D
 Acq On : 4 Dec 2019 15:06
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 04 15:53:52 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	7.76	152	5356	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24047	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13388	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	29648	0.40	ng	0.00
27) Chrysene-d12	21.30	240	35685	0.40	ng	0.00
34) Perylene-d12	23.76	264	35481	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	20666	1.43	ng	0.00
5) Phenol-d6	6.93	99	31542	1.50	ng	0.00
8) Nitrobenzene-d5	8.90	82	18560	2.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	58544	1.66	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	3154	1.67	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	85614	1.65	ng	0.00
25) Fluoranthene-d10	19.16	212	620214	1.71	ng	0.00
29) Terphenyl-d14	19.77	244	142702	1.74	ng	0.00

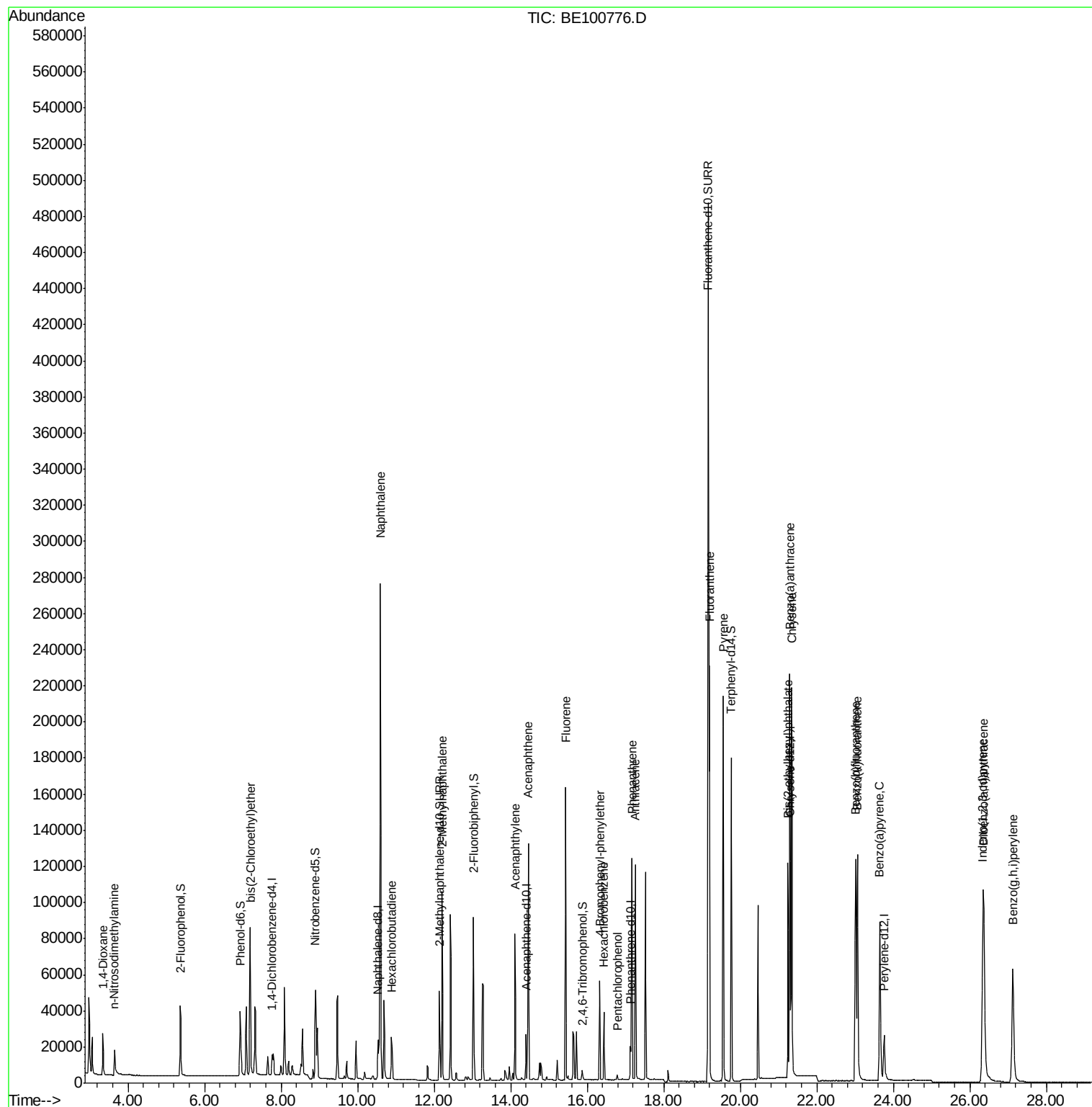
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	15033	1.496	ng	95
3) n-Nitrosodimethylamine	3.64	42	13747	1.857	ng	# 94
6) bis(2-Chloroethyl)ether	7.19	93	31175	1.777	ng	98
9) Naphthalene	10.59	128	423088	1.657	ng	100
10) Hexachlorobutadiene	10.89	225	16476	1.680	ng	98
12) 2-Methylnaphthalene	12.21	142	67885	1.681	ng	99
16) Acenaphthylene	14.11	152	92599	1.607	ng	100
17) Acenaphthene	14.46	154	63762	1.650	ng	98
18) Fluorene	15.43	166	83129	1.684	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	25233	1.730	ng	100
21) Hexachlorobenzene	16.44	284	26753	1.757	ng	99
22) Pentachlorophenol	16.79	266	1748	0.632	ng	# 80
23) Phenanthrene	17.17	178	152891	1.712	ng	100
24) Anthracene	17.25	178	131958	1.715	ng	98
26) Fluoranthene	19.19	202	195967	1.794	ng	100
28) Pyrene	19.55	202	189793	1.717	ng	100
30) Benzo(a)anthracene	21.29	228	178407	1.482	ng	99
31) Chrysene	21.34	228	204847	1.674	ng	100
32) Bis(2-ethylhexyl)phthalate	21.24	149	151309	0.699	ng	100
33) Indeno(1,2,3-cd)pyrene	26.34	276	180359	1.406	ng	100
35) Benzo(b)fluoranthene	23.01	252	167275	1.502	ng	99
36) Benzo(k)fluoranthene	23.06	252	191212	1.647	ng	99
37) Benzo(a)pyrene	23.65	252	146166	1.489	ng	97
38) Dibenzo(a,h)anthracene	26.37	278	150389	1.456	ng	99
39) Benzo(g,h,i)perylene	27.12	276	153411	1.426	ng	99

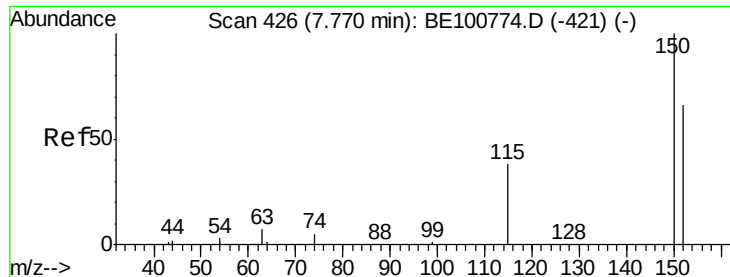
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

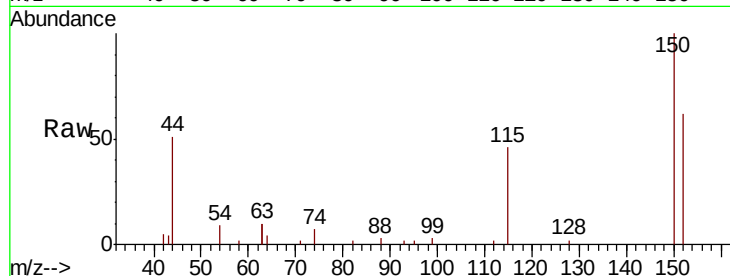
Tot Ion:152 Resp: 5356

Ion Ratio Lower Upper

152 100

150 161.1 120.6 181.0

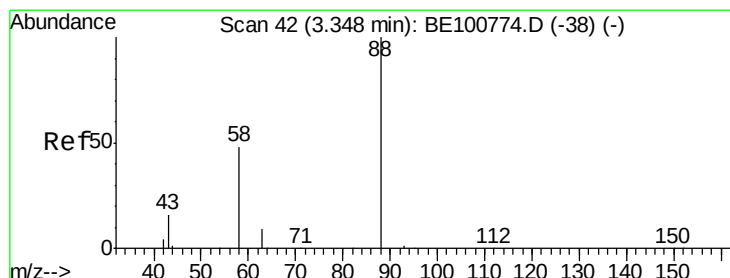
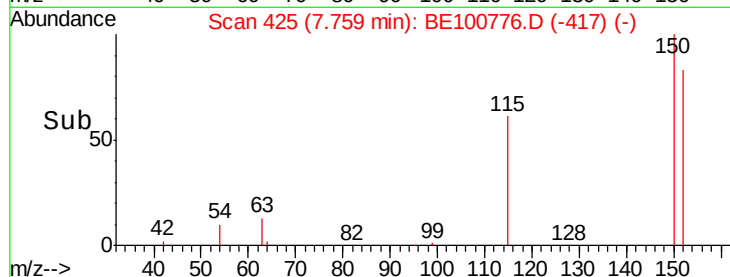
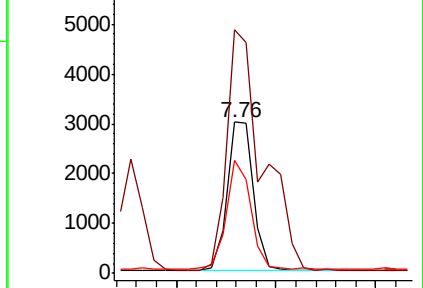
115 74.7 47.4 71.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.496 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

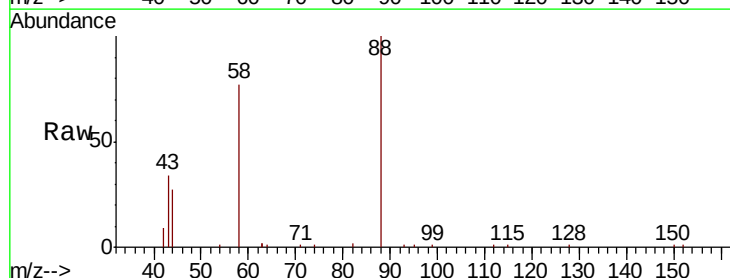
Tgt Ion: 88 Resp: 15033

Ion Ratio Lower Upper

88 100

58 71.1 52.5 78.7

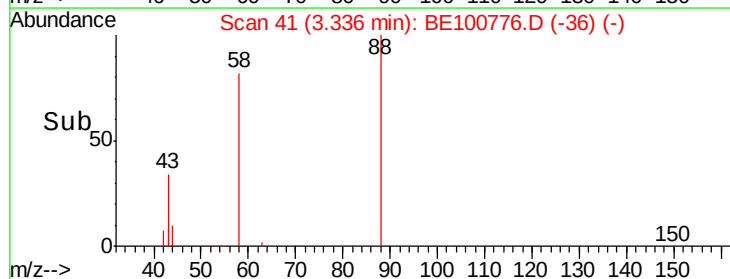
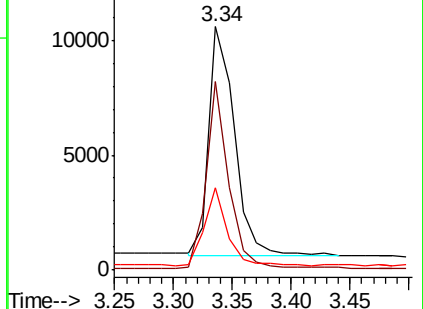
43 29.9 23.0 34.6

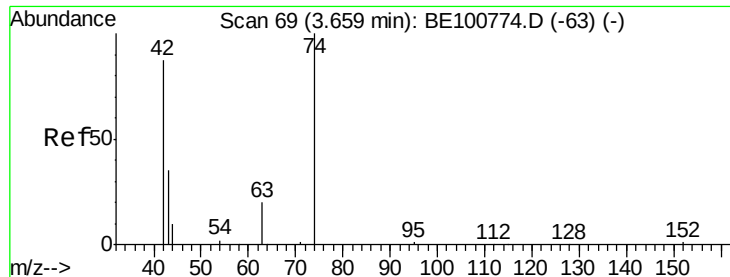


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 1.857 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

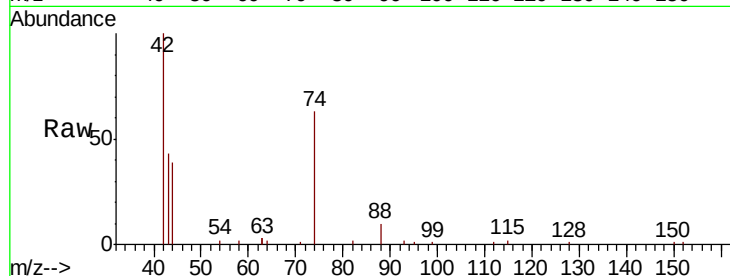
Tot Ion: 42 Resp: 13747

Ion Ratio Lower Upper

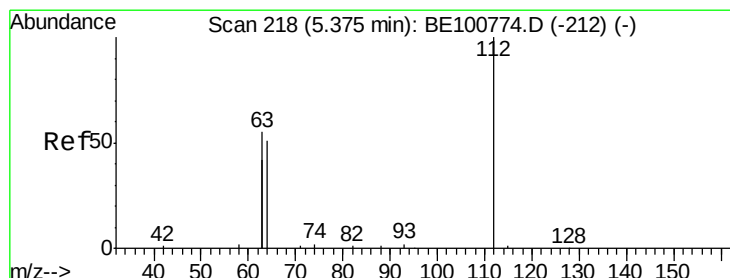
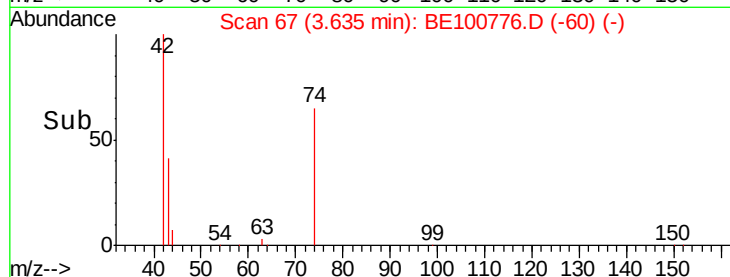
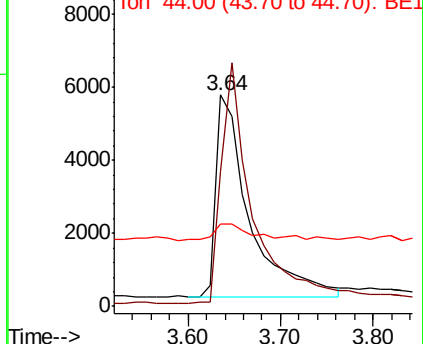
42 100

74 113.0 86.3 129.5

44 8.9 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: 1.425 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

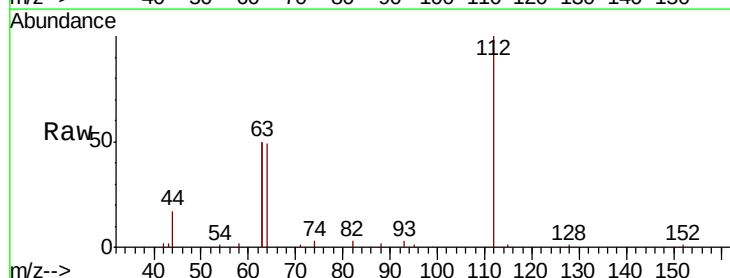
Tgt Ion: 112 Resp: 20666

Ion Ratio Lower Upper

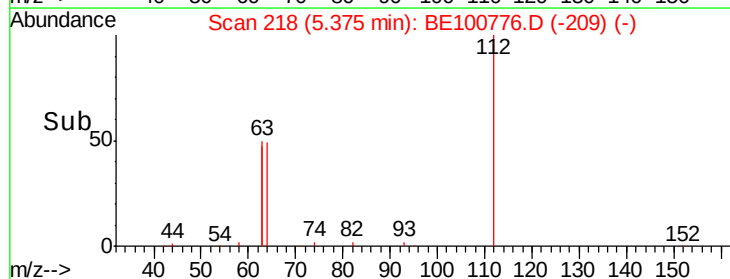
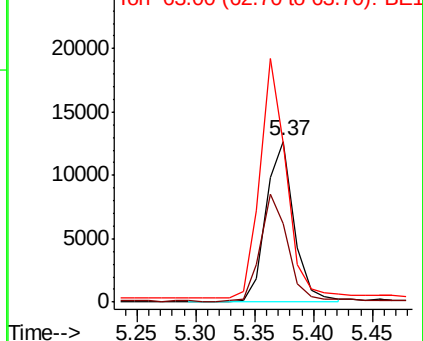
112 100

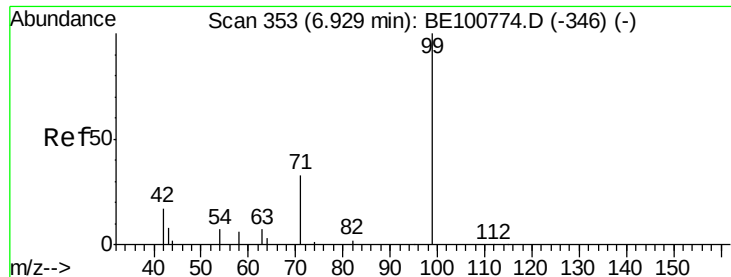
64 65.9 54.1 81.1

63 143.3 113.2 169.8



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: 1.499 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampled :

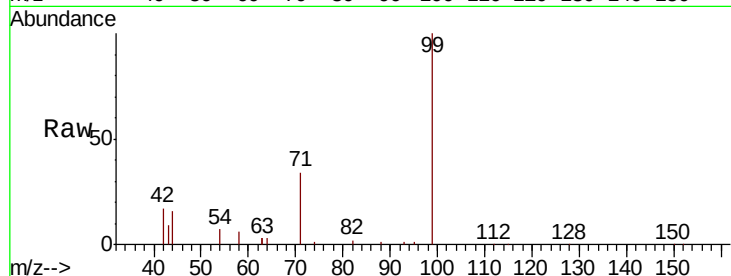
Tot Ion: 99 Resp: 31542

Ion Ratio Lower Upper

99 100

42 22.6 19.1 28.7

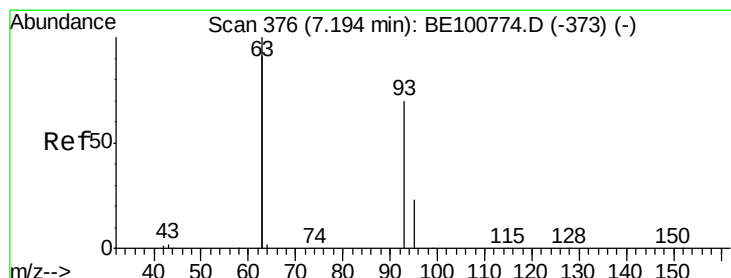
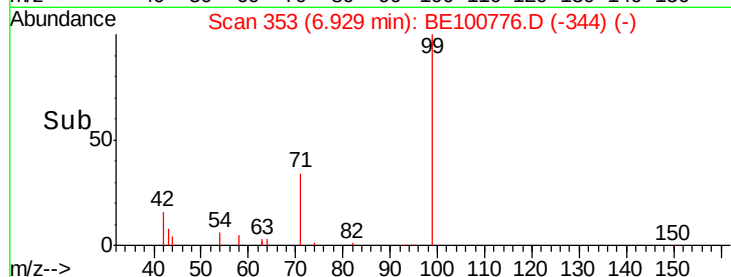
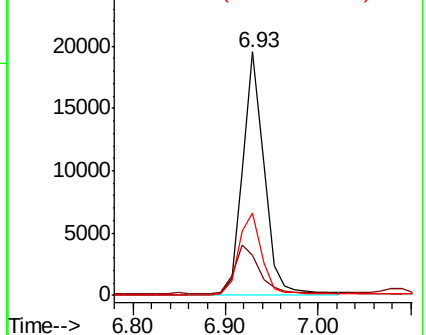
71 36.3 27.7 41.5



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: 1.777 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

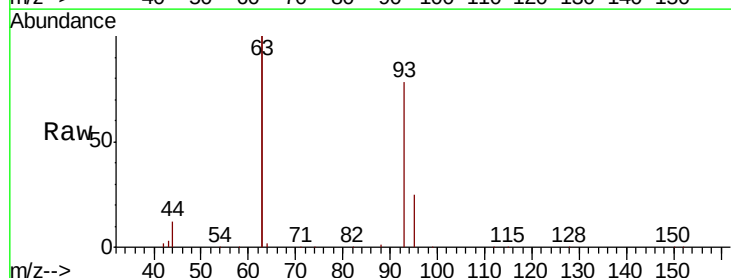
Tgt Ion: 93 Resp: 31175

Ion Ratio Lower Upper

93 100

63 319.9 259.4 389.0

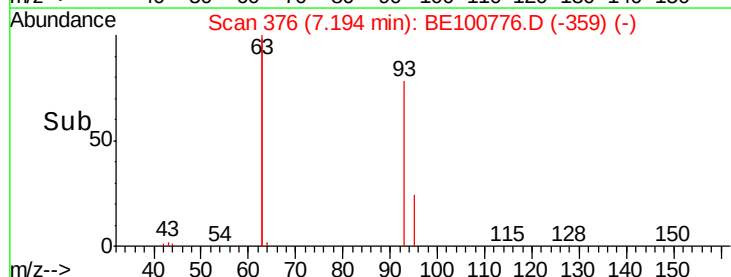
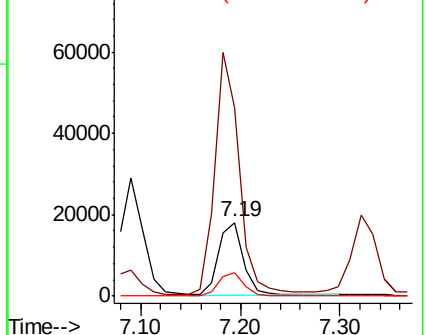
95 31.7 26.2 39.2

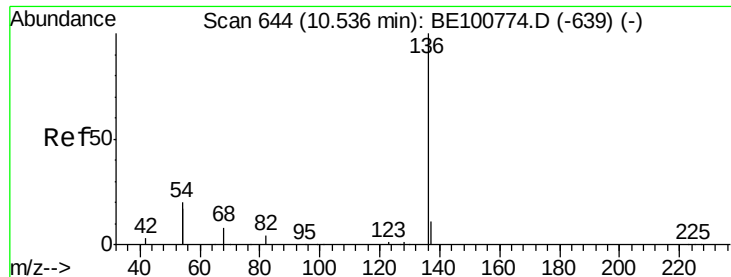


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 24047

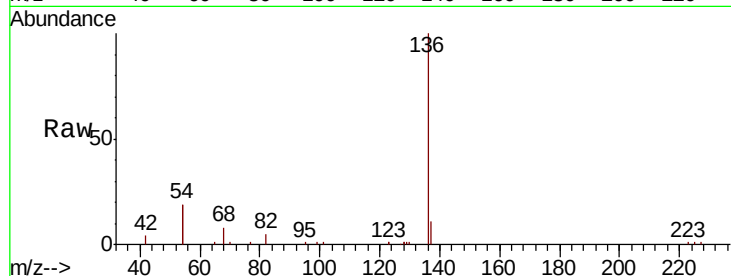
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 38.2 31.1 46.7

68 7.9 6.6 10.0

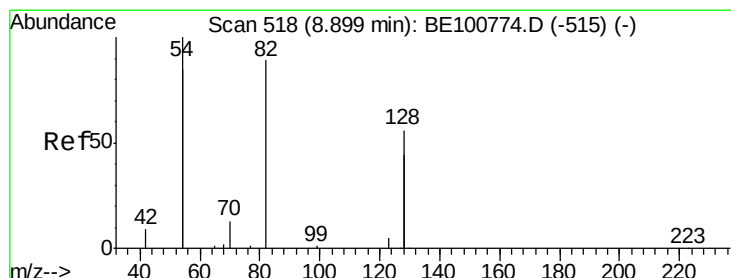
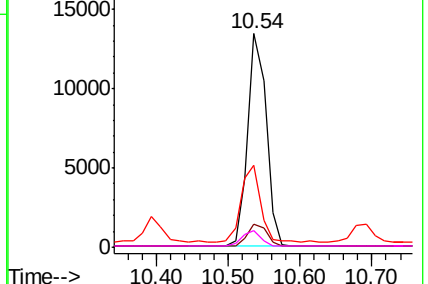
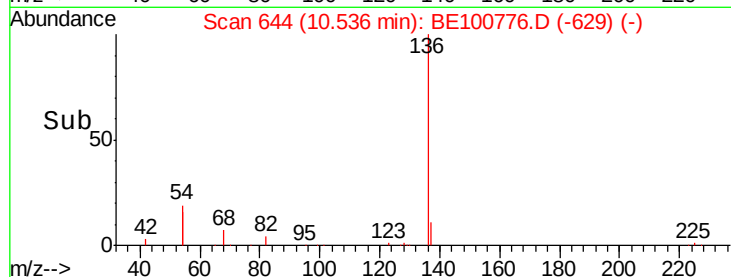


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.408 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

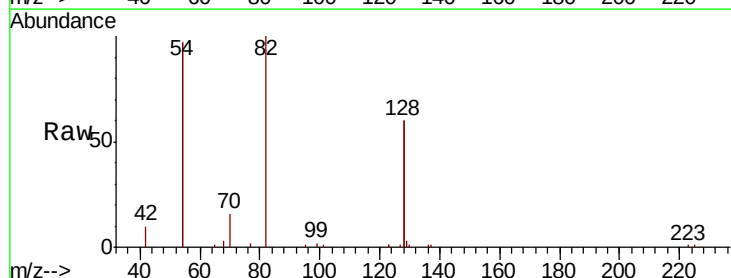
Tgt Ion: 82 Resp: 18560

Ion Ratio Lower Upper

82 100

128 119.1 97.0 145.4

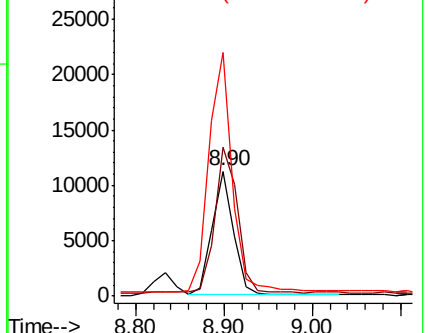
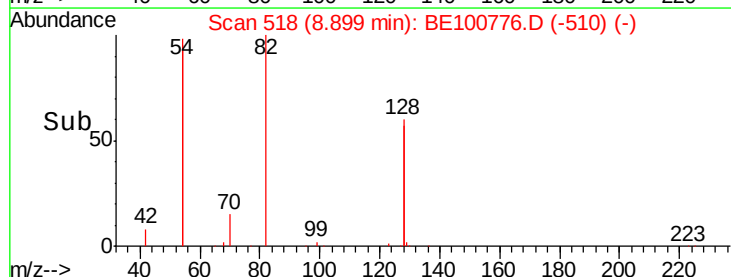
54 195.0 171.8 257.6

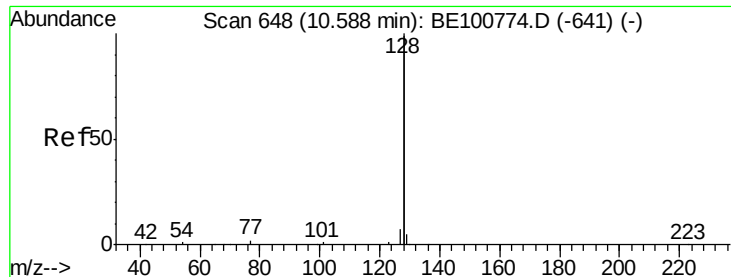


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.657 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

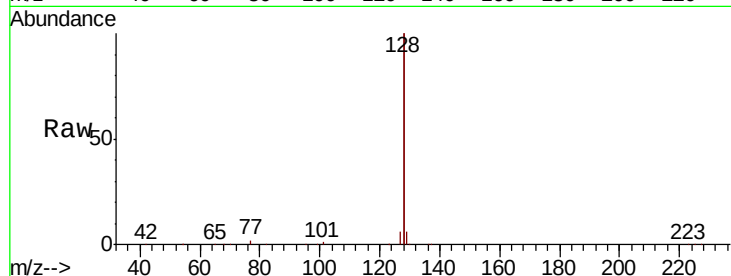
Tot Ion:128 Resp: 423088

Ion Ratio Lower Upper

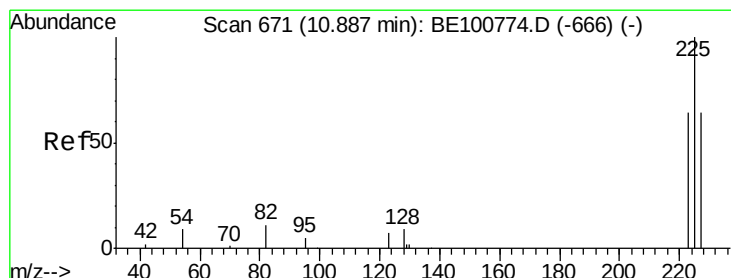
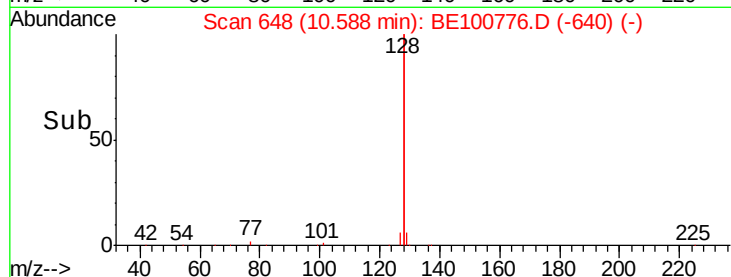
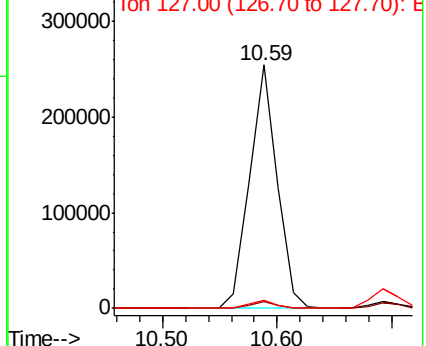
128 100

129 2.8 2.2 3.4

127 3.2 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 1.680 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

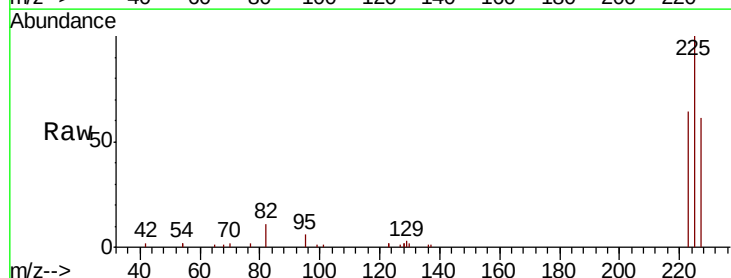
Tgt Ion:225 Resp: 16476

Ion Ratio Lower Upper

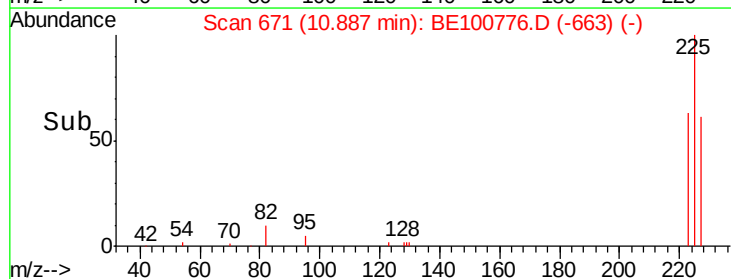
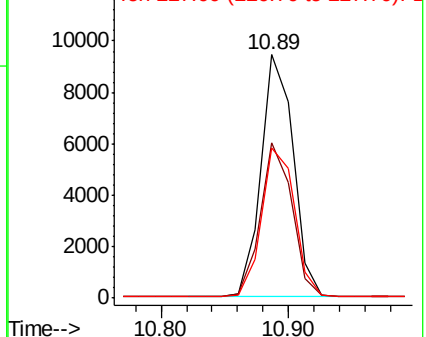
225 100

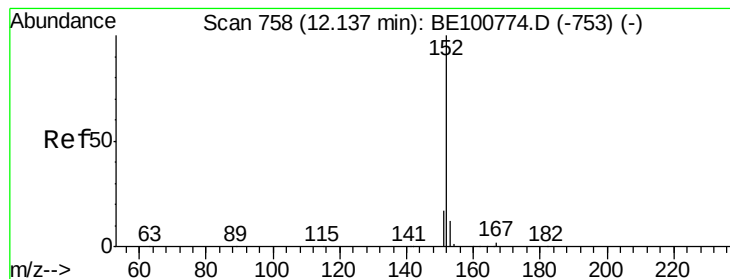
223 62.1 49.9 74.9

227 63.0 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: 1.660 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

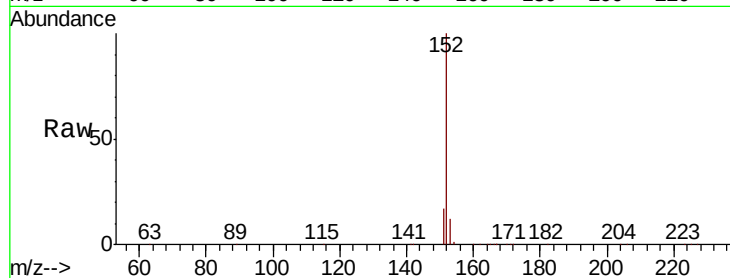
ClientSampleId :

Tot Ion:152 Resp: 58544

Ion Ratio Lower Upper

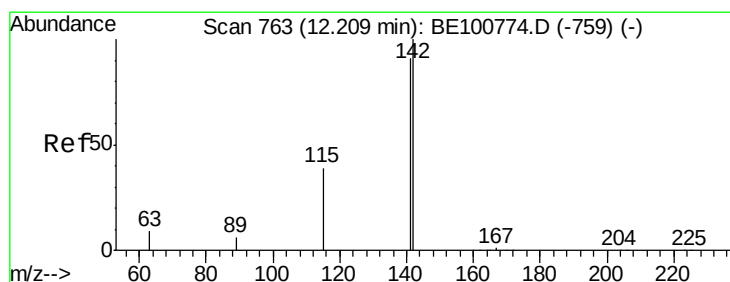
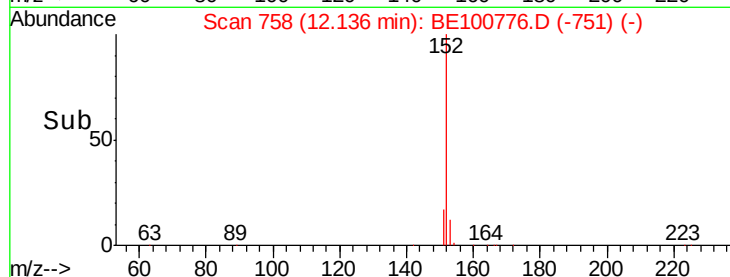
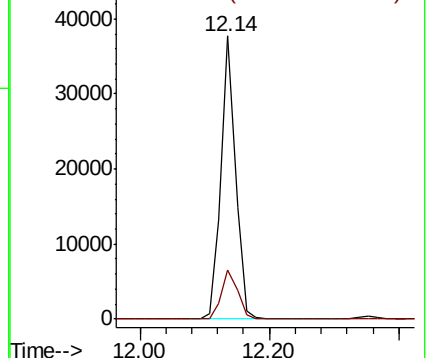
152 100

151 19.2 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: 1.681 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

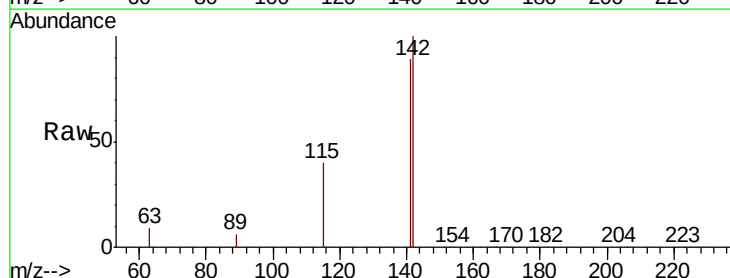
Tgt Ion:142 Resp: 67885

Ion Ratio Lower Upper

142 100

141 88.9 72.6 108.8

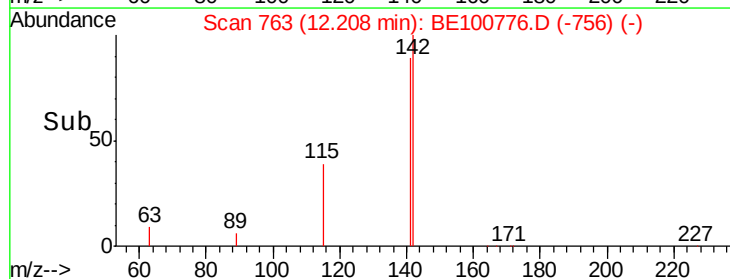
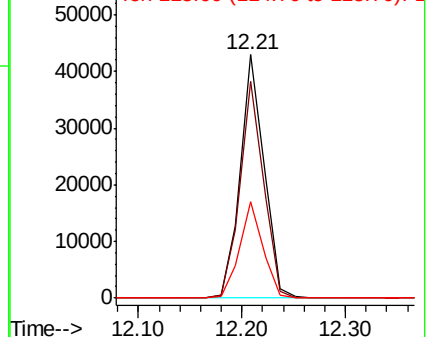
115 39.5 31.8 47.6

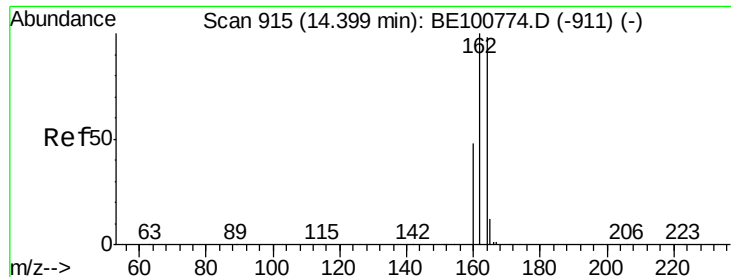


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

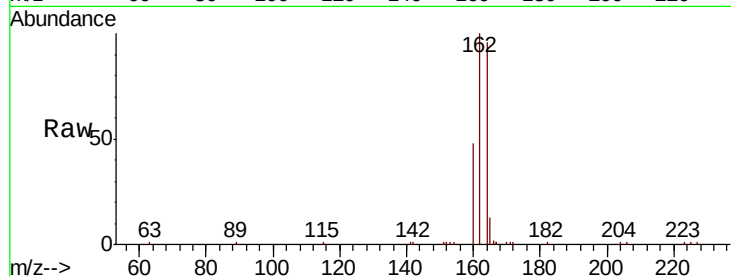




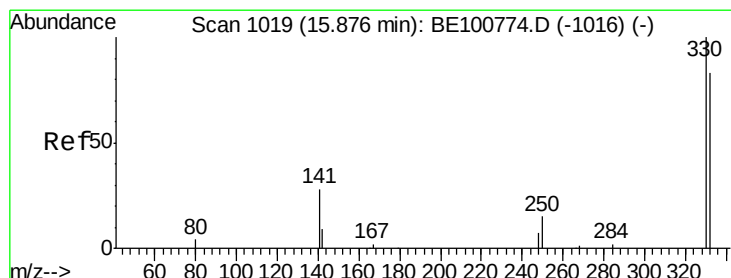
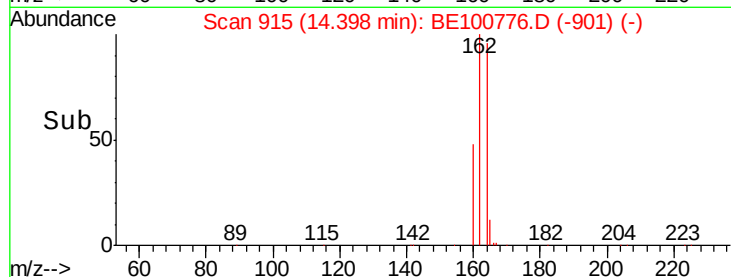
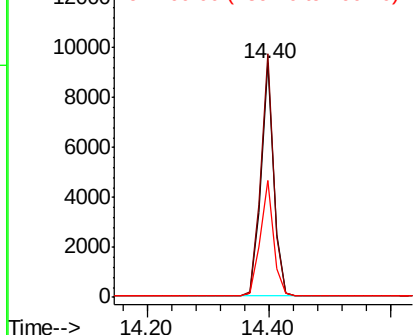
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 13388
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 50.1 39.4 59.0

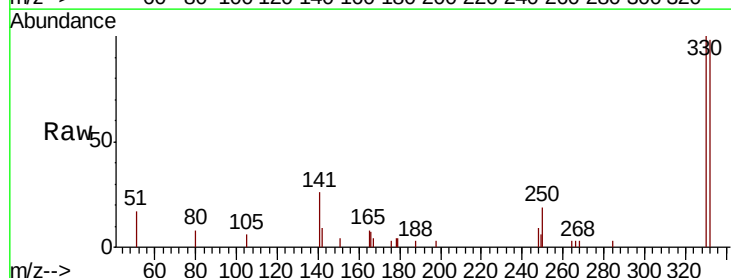


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

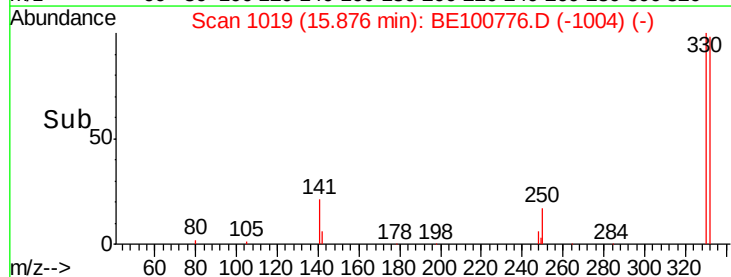
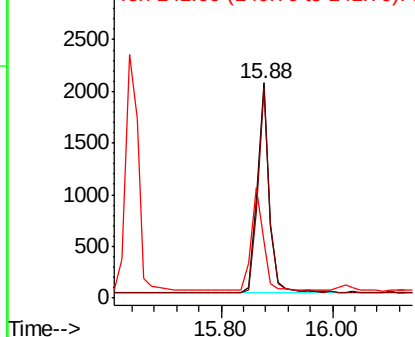


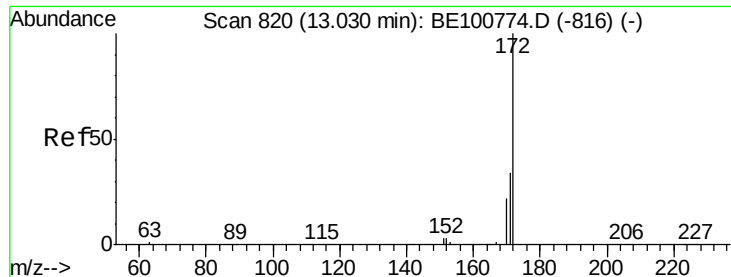
#14
2,4,6-Tribromophenol
Concen: 1.671 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:330 Resp: 3154
Ion Ratio Lower Upper
330 100
332 94.6 69.4 104.2
141 47.2 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

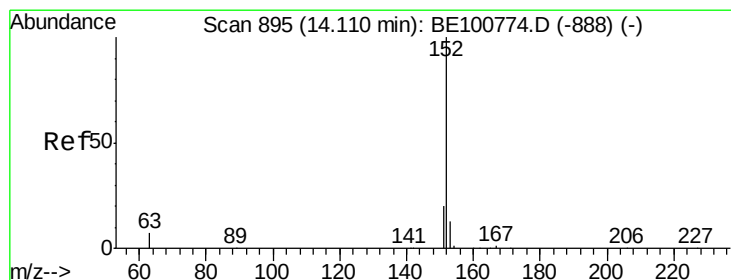
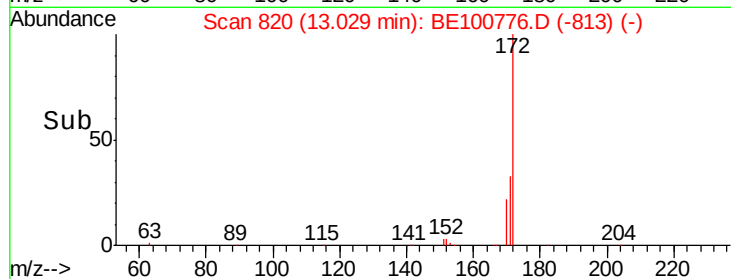
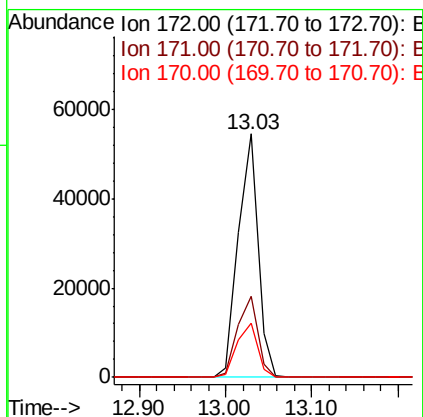
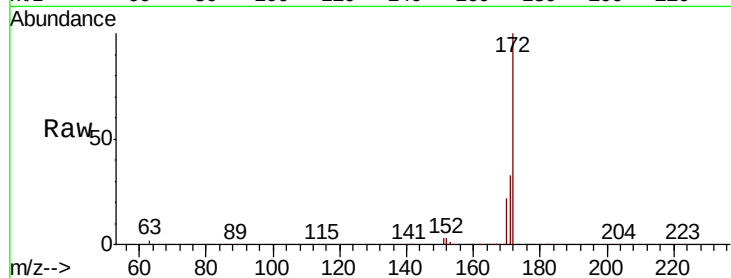




#15
2-Fluorobiphenyl
Concen: 1.647 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

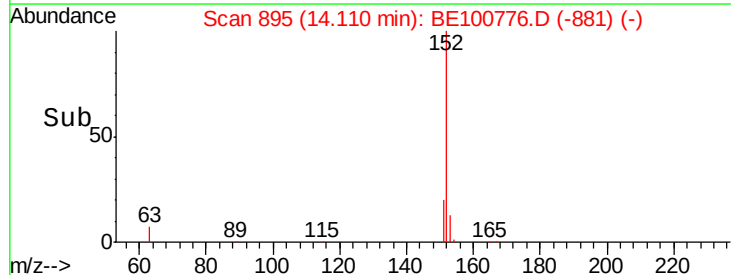
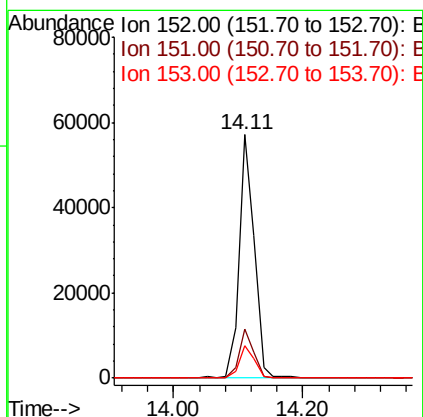
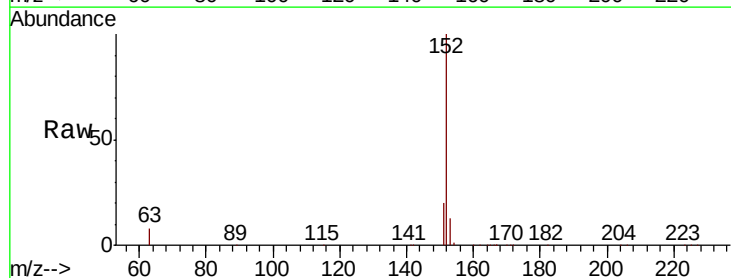
Instrument :
BNA_E
ClientSampleId :

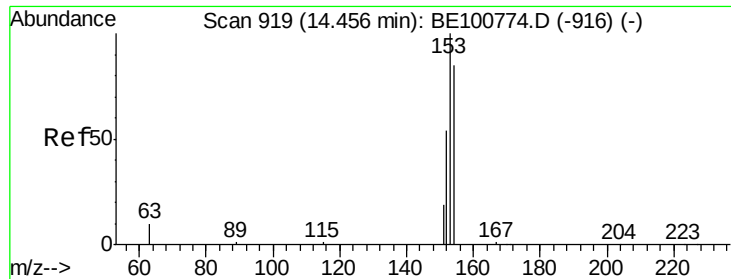
Tot Ion:172 Resp: 85614
Ion Ratio Lower Upper
172 100
171 33.3 27.2 40.8
170 22.2 18.0 27.0



#16
Acenaphthylene
Concen: 1.607 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:152 Resp: 92599
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.1 10.4 15.6

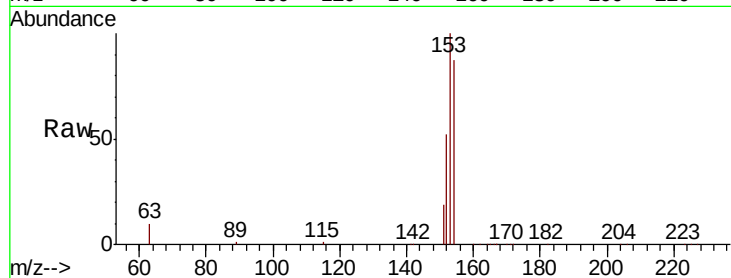




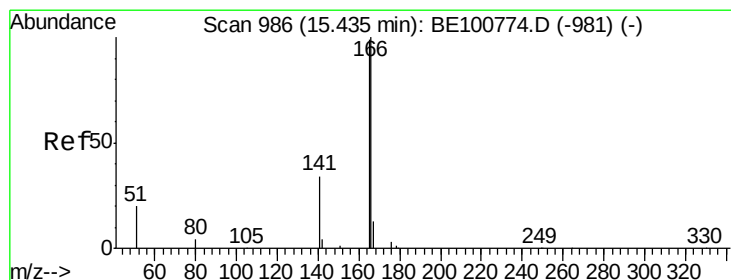
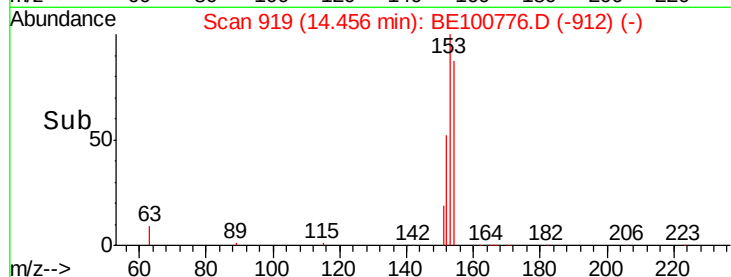
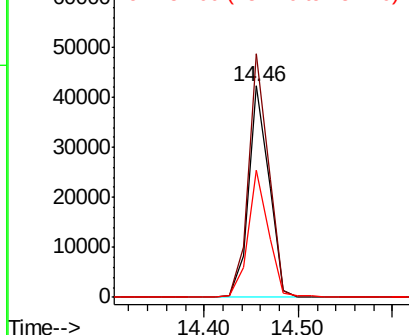
#17
Acenaphthene
Concen: 1.650 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 63762
Ion Ratio Lower Upper
154 100
153 113.7 92.2 138.2
152 59.5 49.1 73.7

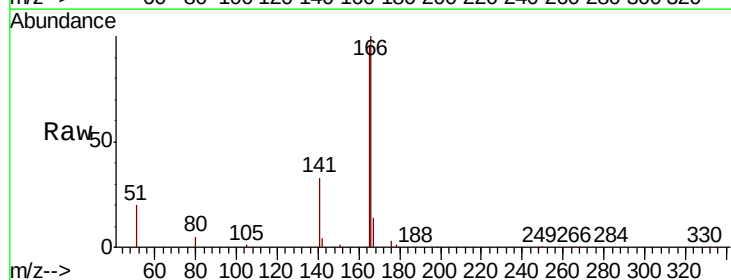


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

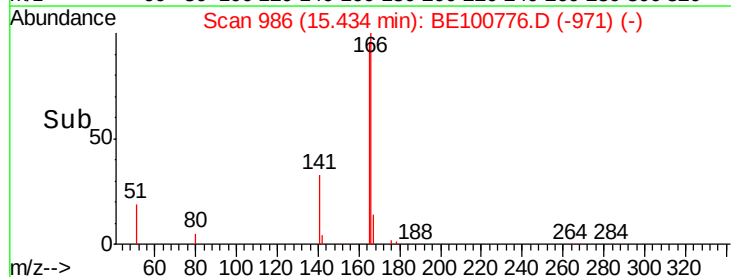
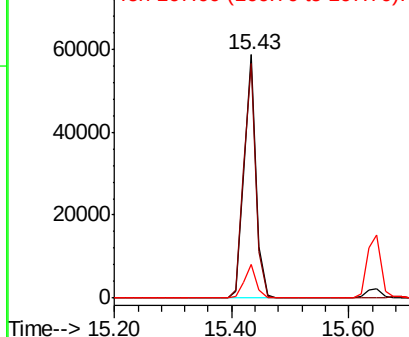


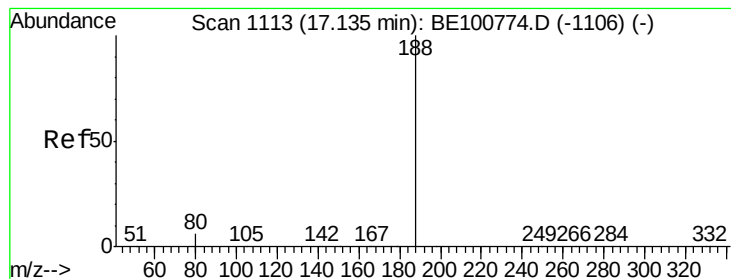
#18
Fluorene
Concen: 1.684 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:166 Resp: 83129
Ion Ratio Lower Upper
166 100
165 98.6 80.5 120.7
167 13.4 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: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

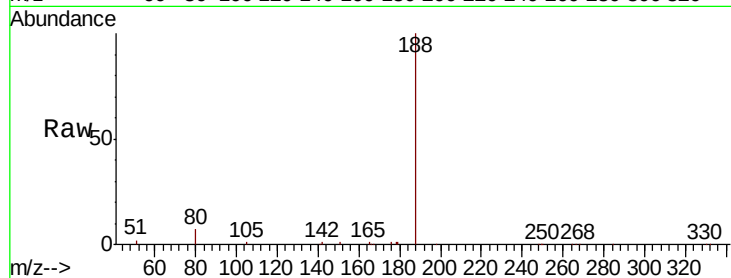
Tot Ion:188 Resp: 29648

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

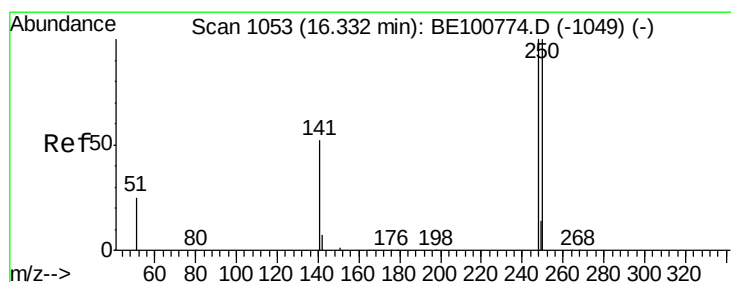
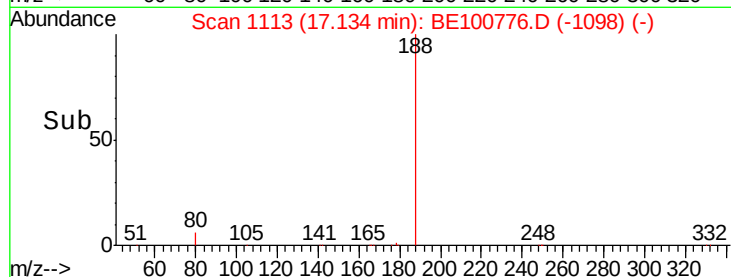
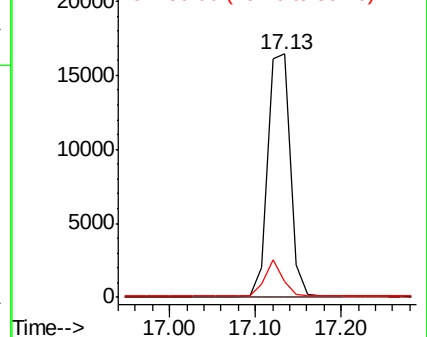
80 6.7 5.2 7.8



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: 1.730 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

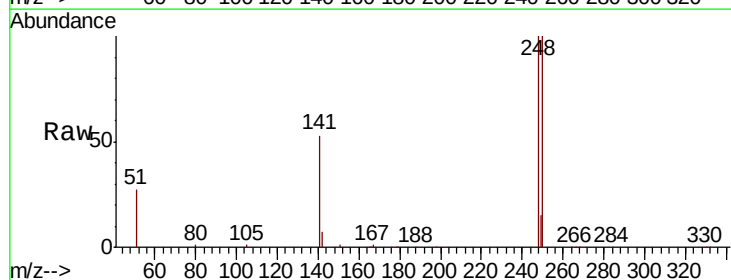
Tgt Ion:248 Resp: 25233

Ion Ratio Lower Upper

248 100

250 99.9 80.5 120.7

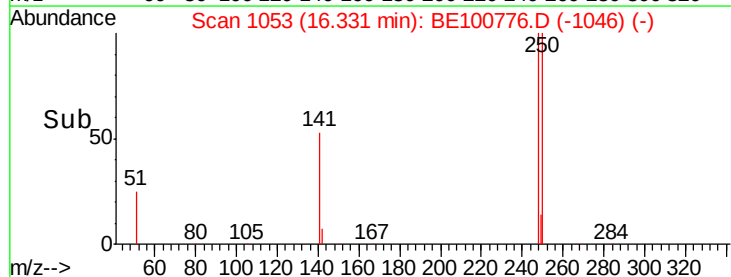
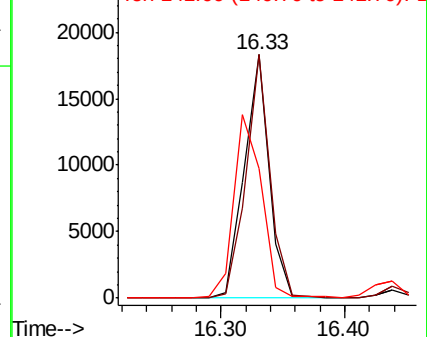
141 53.2 42.6 64.0

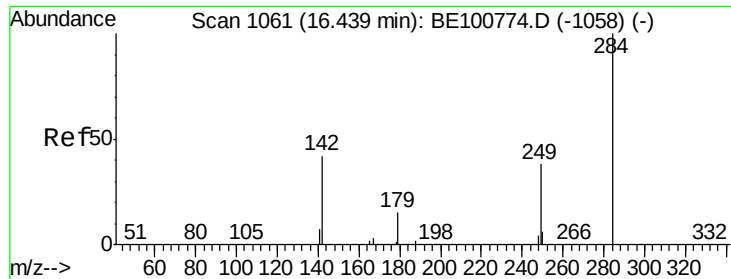


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

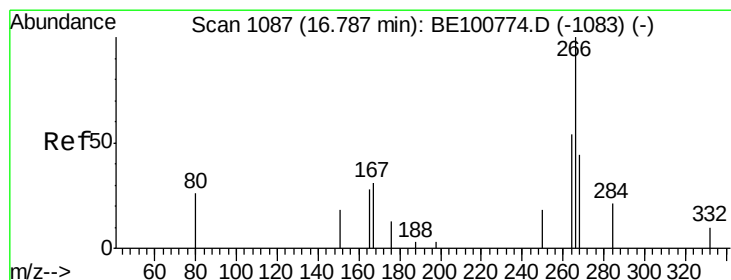
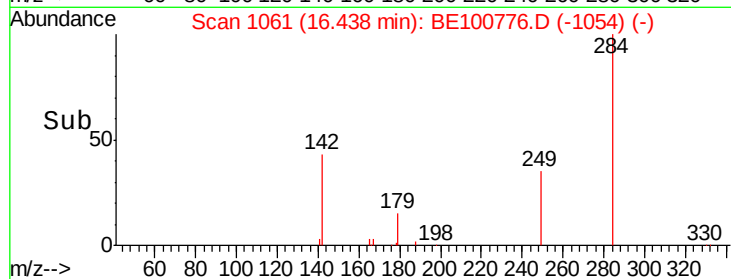
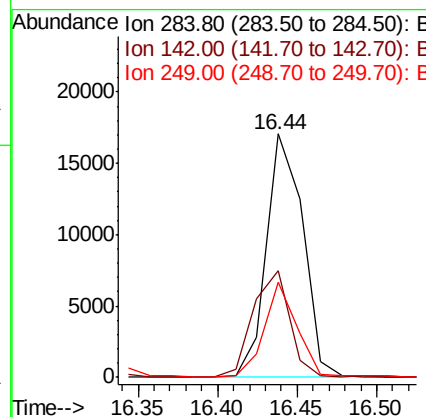
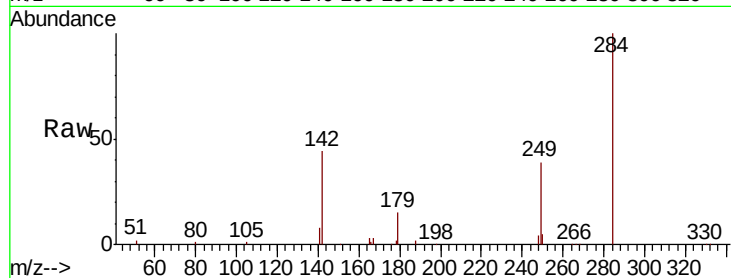




#21
Hexachlorobenzene
Concen: 1.757 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

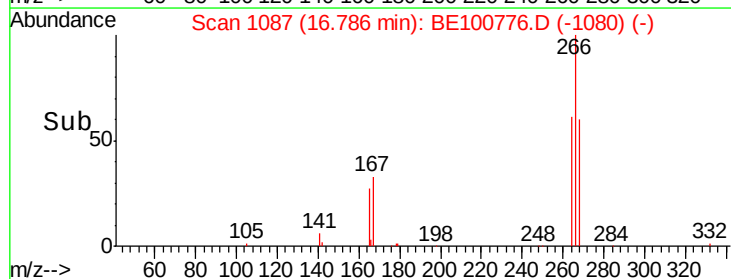
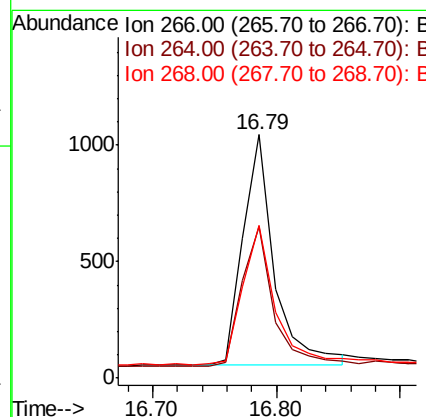
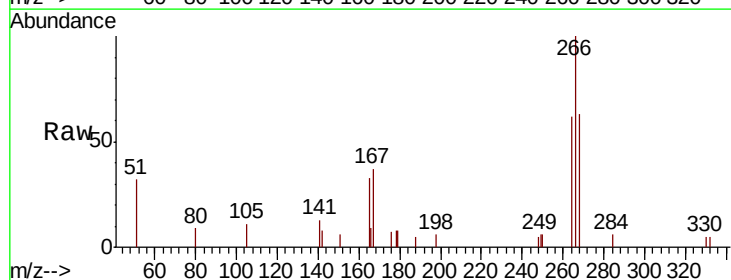
Instrument :
BNA_E
ClientSampleId :

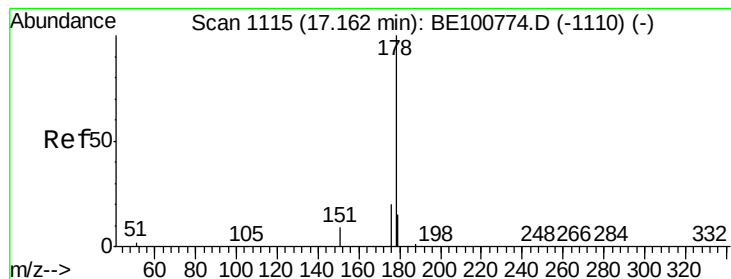
Tot Ion:284 Resp: 26753
Ion Ratio Lower Upper
284 100
142 43.5 34.4 51.6
249 34.5 28.5 42.7



#22
Pentachlorophenol
Concen: 0.632 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100776.D
Acq: 4 Dec 2019 15:06

Tgt Ion:266 Resp: 1748
Ion Ratio Lower Upper
266 100
264 62.3 63.4 95.0#
268 62.9 65.8 98.8#





#23

Phenanthrene

Concen: 1.712 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

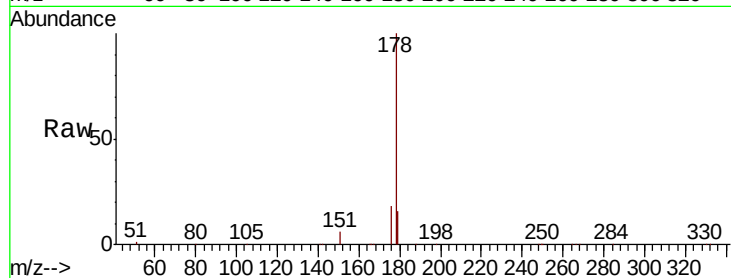
Tot Ion:178 Resp: 152891

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

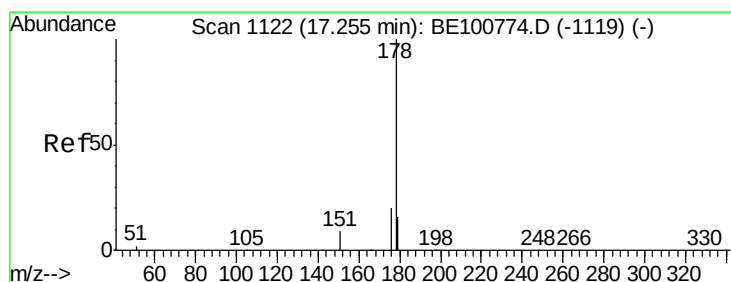
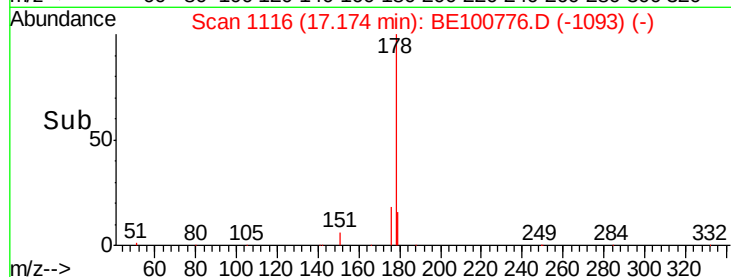
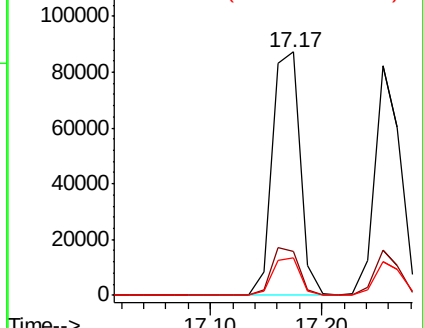
179 15.3 12.3 18.5



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: 1.715 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

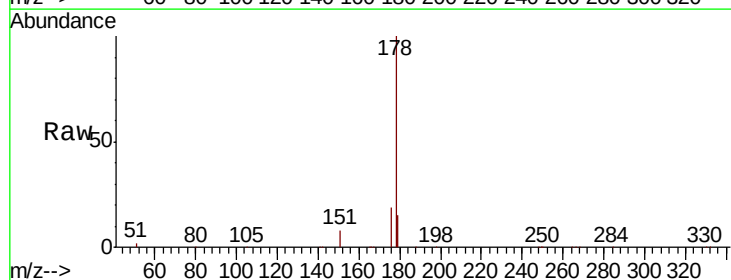
Tgt Ion:178 Resp: 131958

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

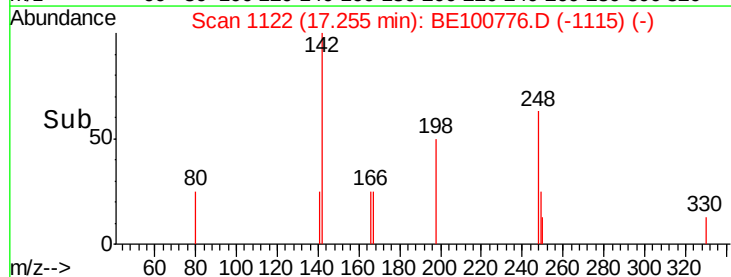
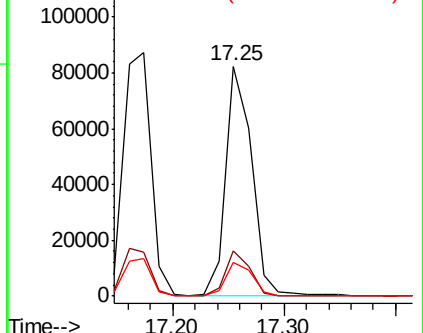
179 15.2 12.7 19.1

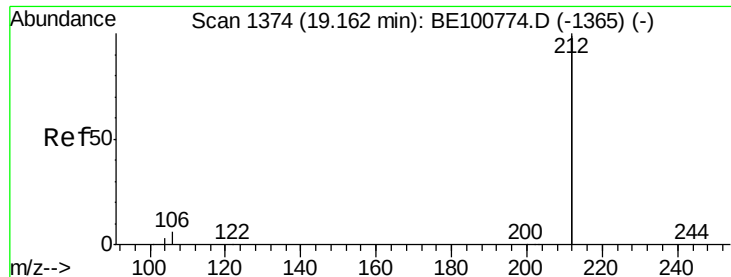


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.709 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

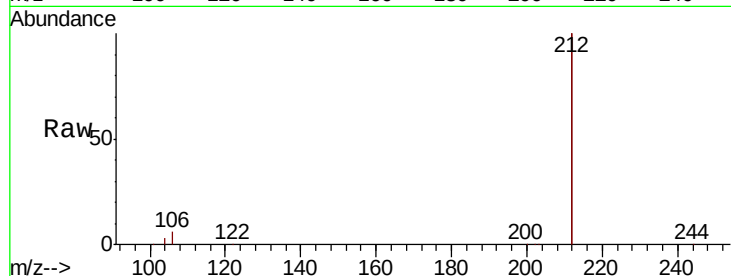
Tot Ion:212 Resp: 620214

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

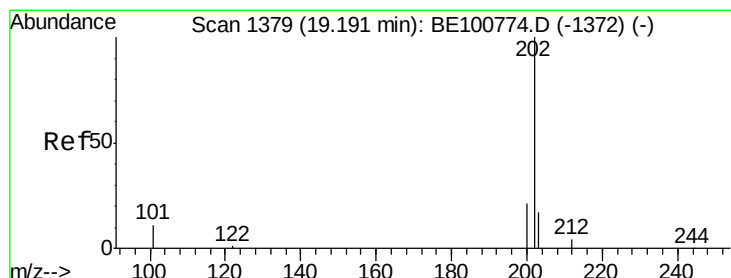
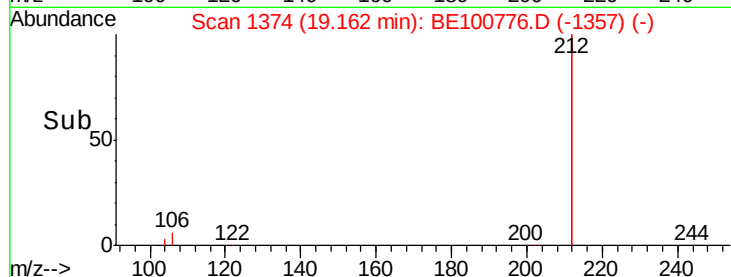
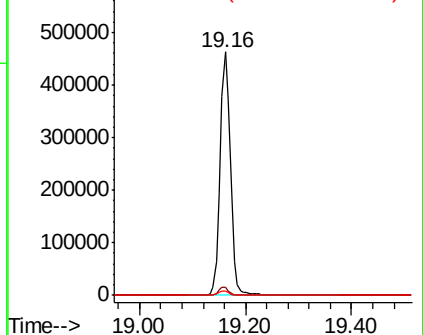
104 1.8 1.4 2.2



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: 1.794 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

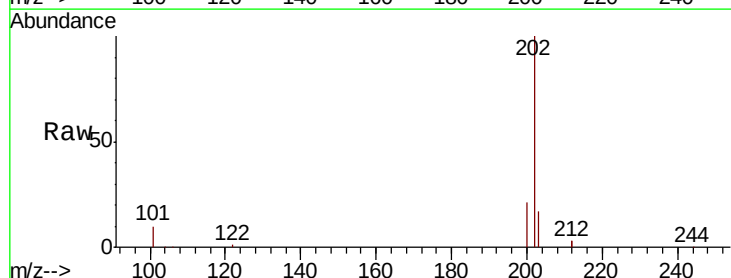
Tgt Ion:202 Resp: 195967

Ion Ratio Lower Upper

202 100

101 11.6 9.1 13.7

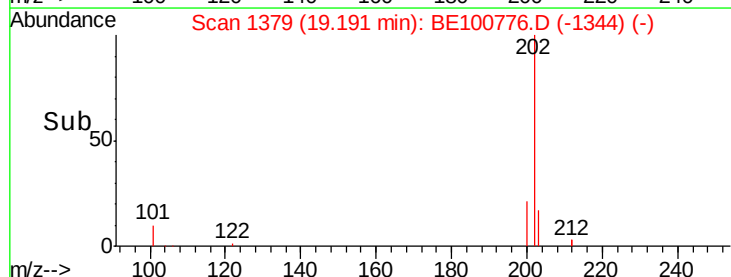
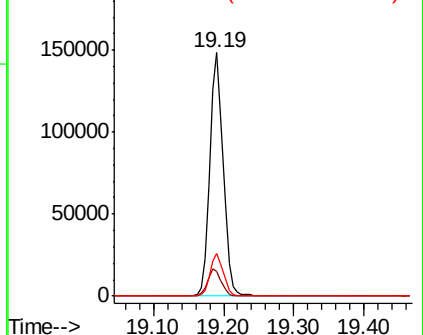
203 17.3 13.8 20.6

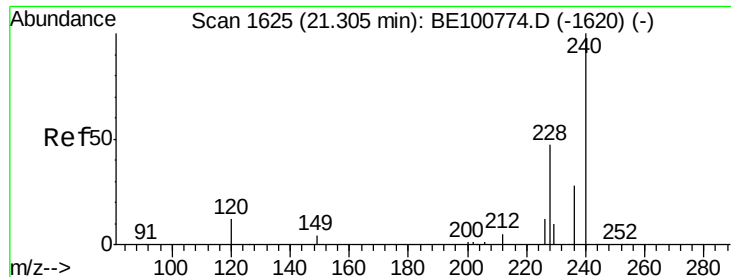


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

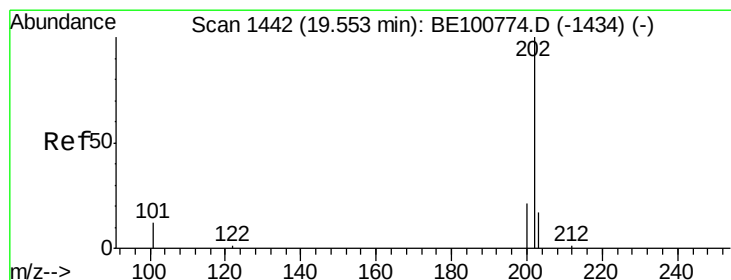
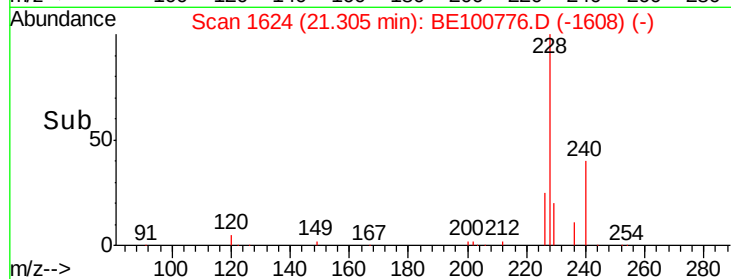
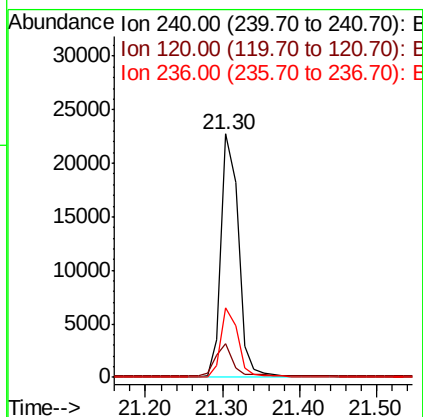
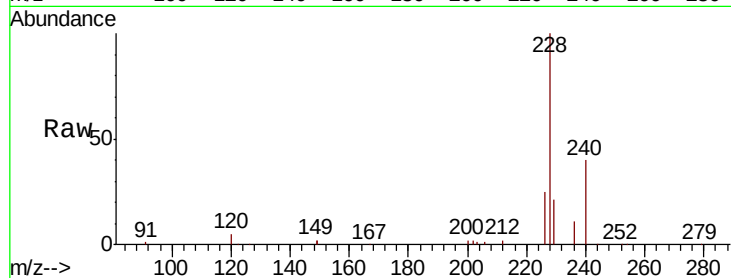




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100776.D
 Acq: 4 Dec 2019 15:06

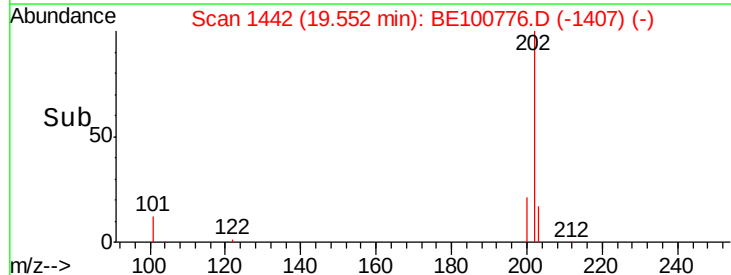
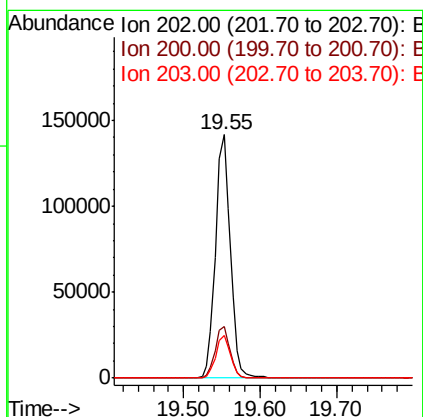
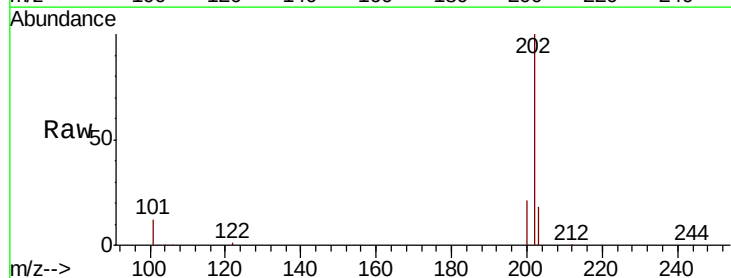
Instrument :
 BNA_E
 ClientSampleId :

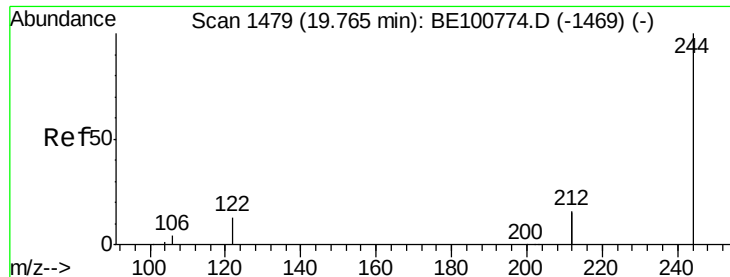
Tot Ion:240 Resp: 35685
 Ion Ratio Lower Upper
 240 100
 120 13.7 10.2 15.2
 236 28.6 22.3 33.5



#28
 Pyrene
 Concen: 1.717 ng
 RT: 19.55 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE100776.D
 Acq: 4 Dec 2019 15:06

Tgt Ion:202 Resp: 189793
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 1.737 ng

RT: 19.77 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

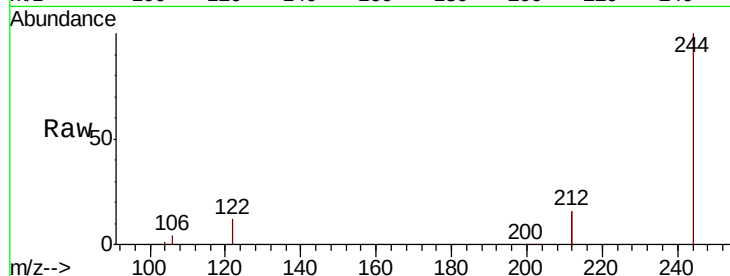
Tot Ion:244 Resp: 142702

Ion Ratio Lower Upper

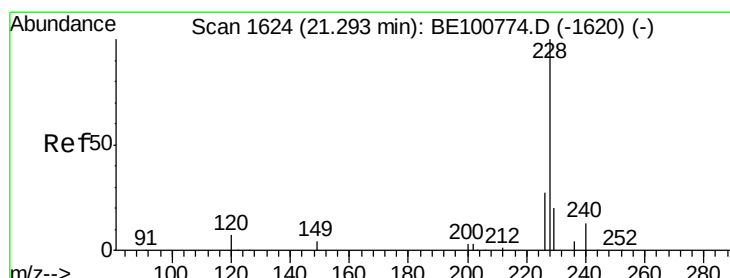
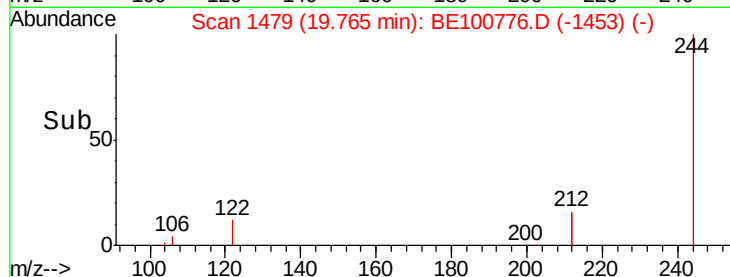
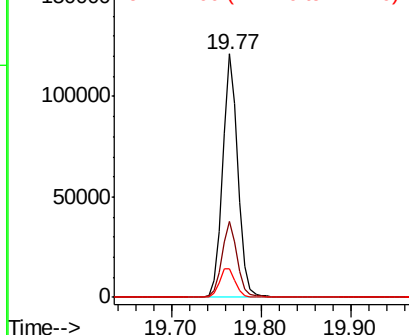
244 100

212 31.2 26.2 39.4

122 11.6 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: 1.482 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

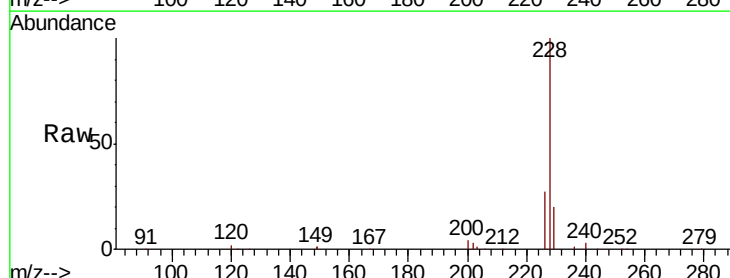
Tgt Ion:228 Resp: 178407

Ion Ratio Lower Upper

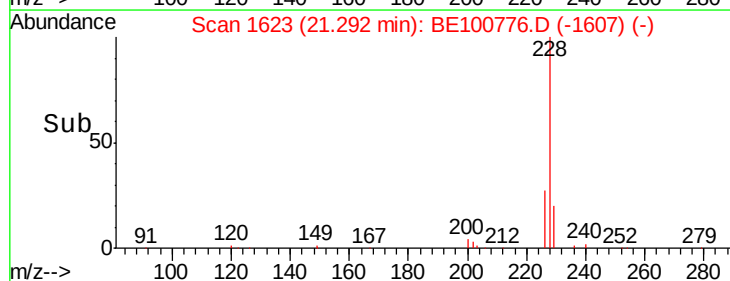
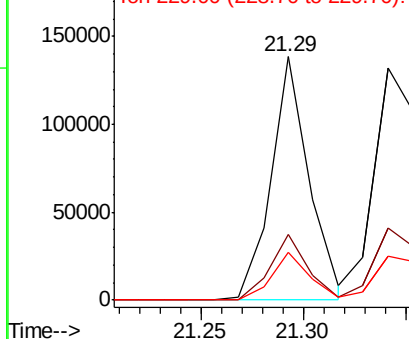
228 100

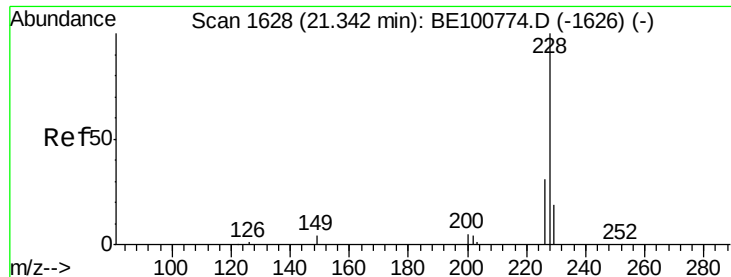
226 27.2 21.5 32.3

229 19.6 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: 1.674 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

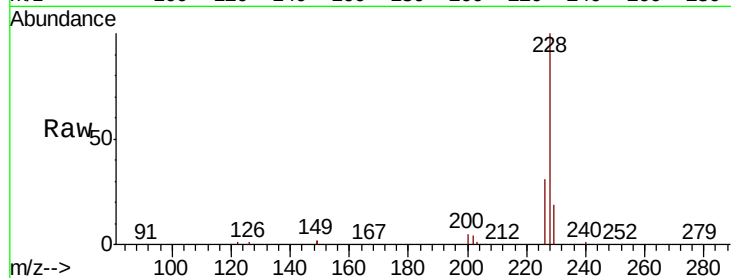
Tot Ion:228 Resp: 204847

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.4

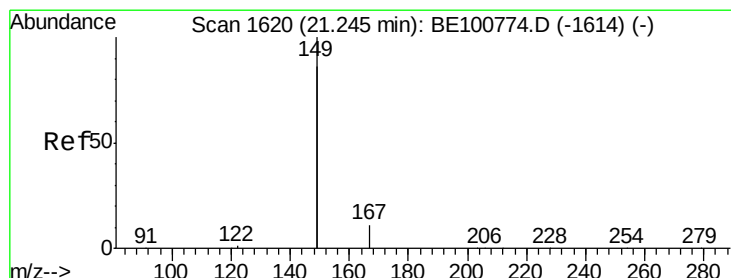
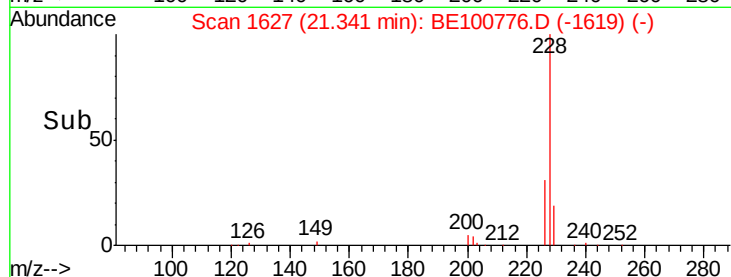
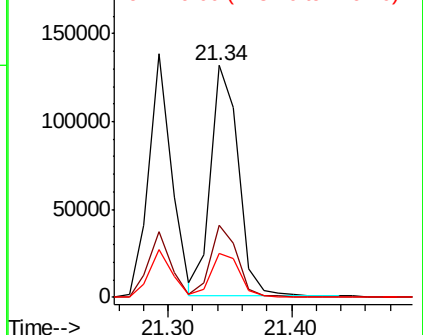
229 19.0 15.4 23.2



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: 0.699 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

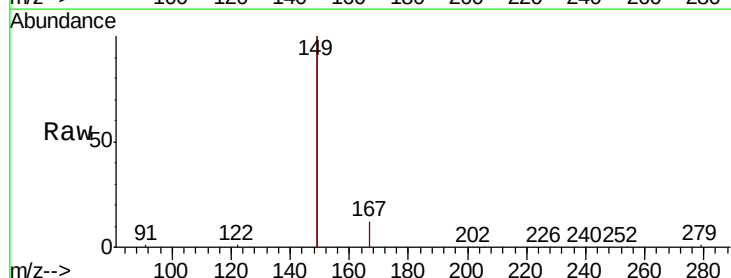
Tgt Ion:149 Resp: 151309

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

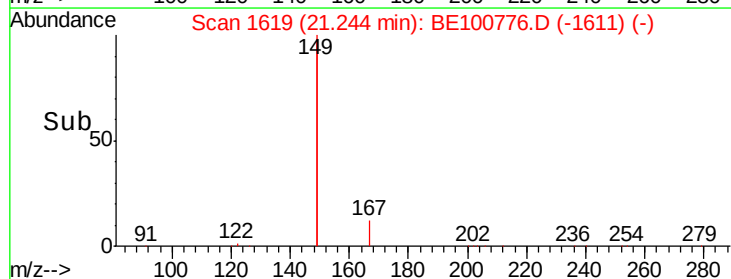
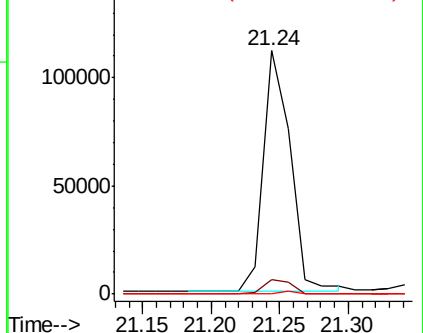
279 0.8 0.7 1.1

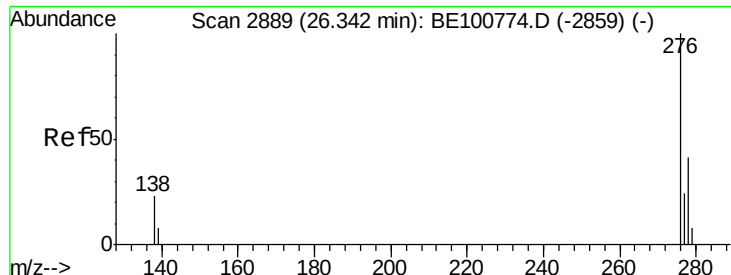


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.406 ng

RT: 26.34 min Scan# 2887

Delta R.T. -0.00 min

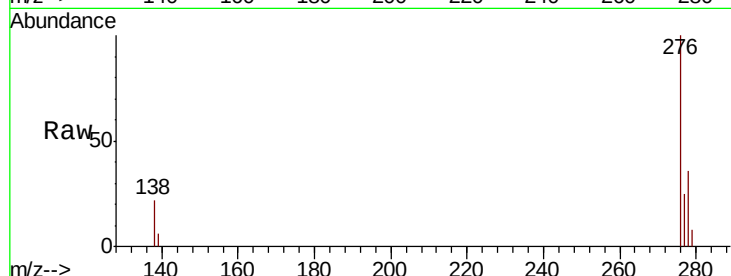
Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :



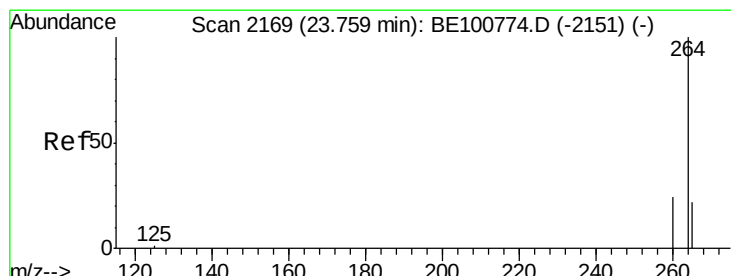
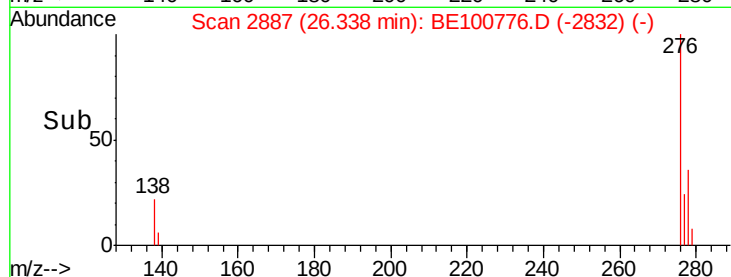
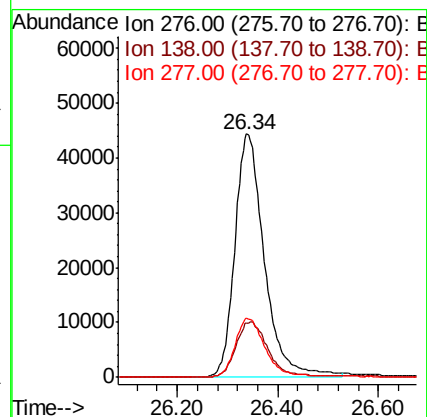
Tot Ion:276 Resp: 180359

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

277 24.7 19.8 29.6



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.76 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

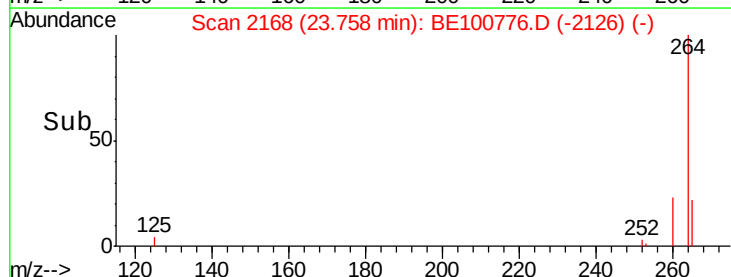
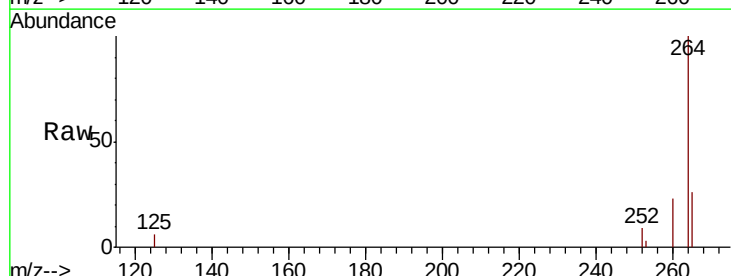
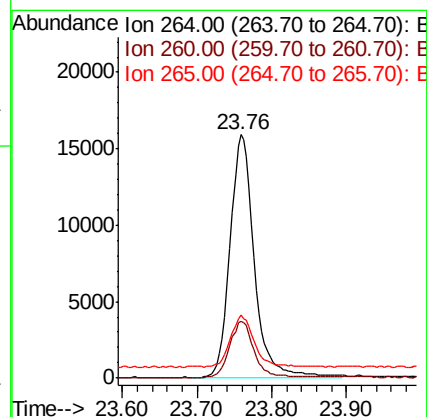
Tgt Ion:264 Resp: 35481

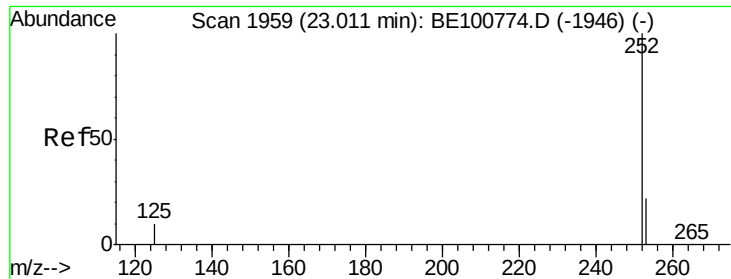
Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 26.0 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 1.502 ng

RT: 23.01 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :

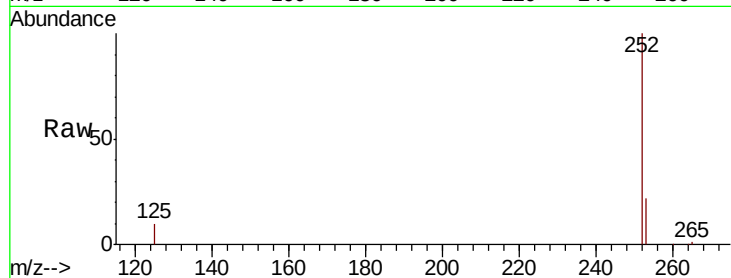
Tot Ion:252 Resp: 167275

Ion Ratio Lower Upper

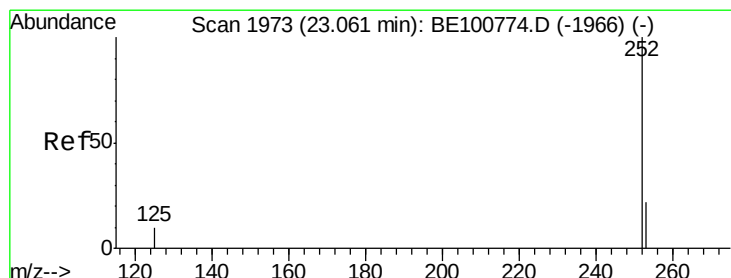
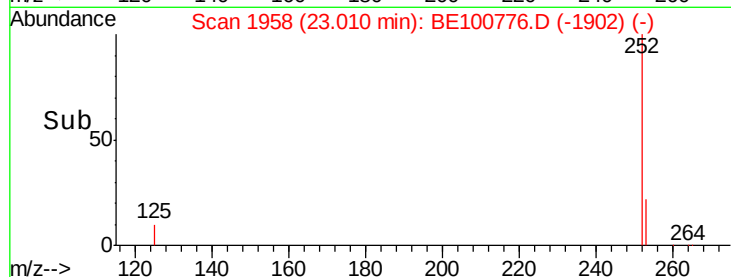
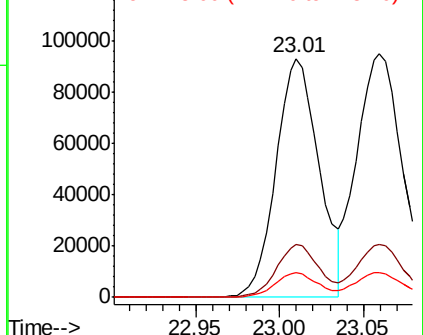
252 100

253 22.0 17.8 26.8

125 10.2 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: 1.647 ng

RT: 23.06 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

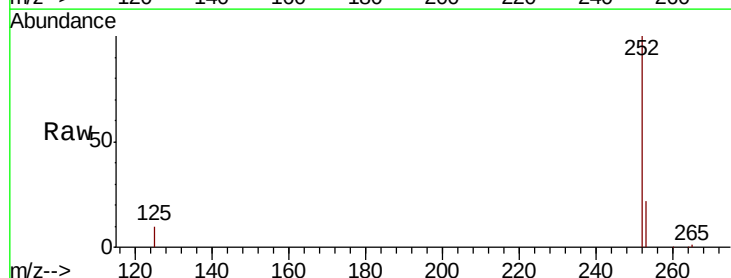
Tgt Ion:252 Resp: 191212

Ion Ratio Lower Upper

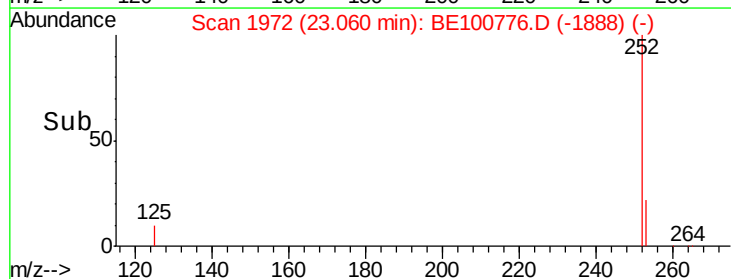
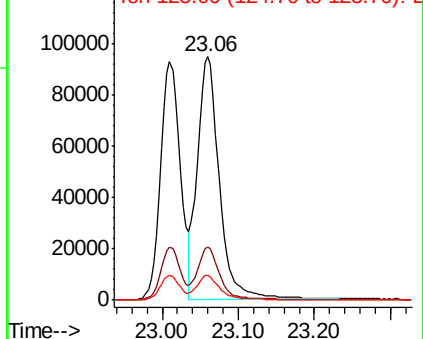
252 100

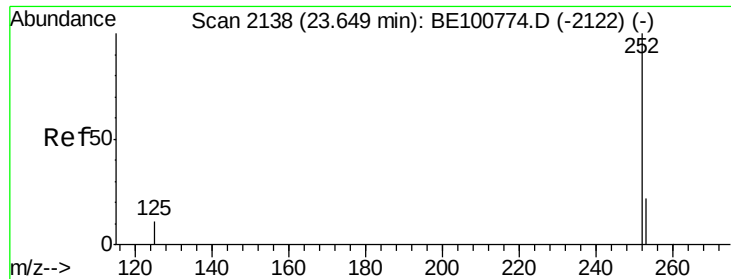
253 21.9 17.8 26.8

125 10.2 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: 1.489 ng

RT: 23.65 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampled :

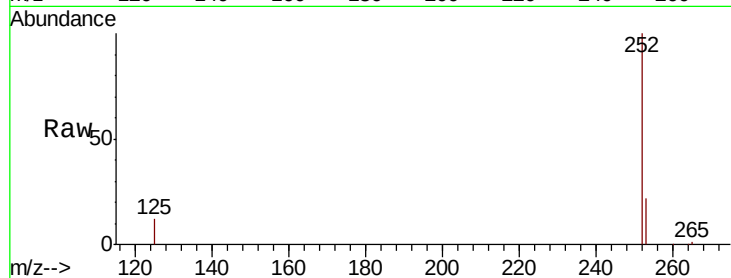
Tot Ion:252 Resp: 146166

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

125 11.6 10.4 15.6

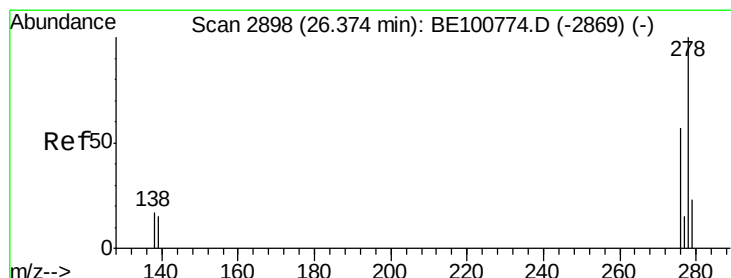
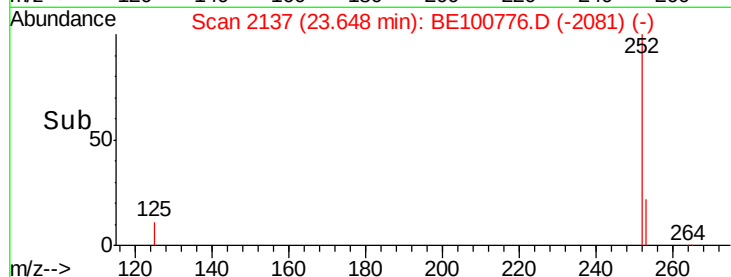
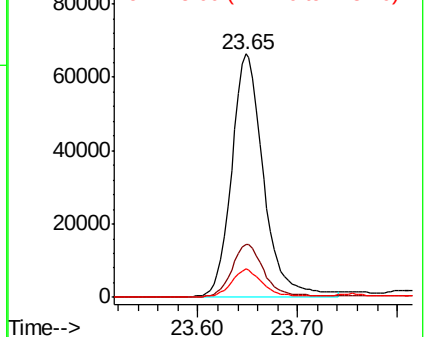


Abundance

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: 1.456 ng

RT: 26.37 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

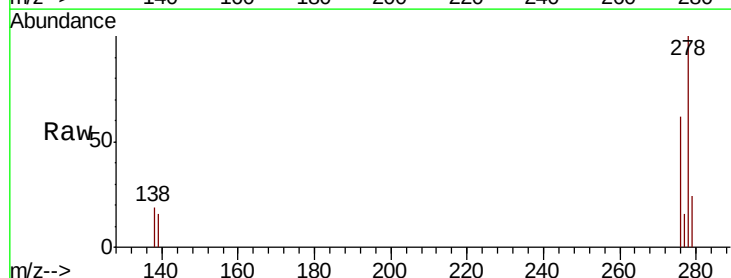
Tgt Ion:278 Resp: 150389

Ion Ratio Lower Upper

278 100

139 15.8 13.0 19.4

279 24.0 19.6 29.4

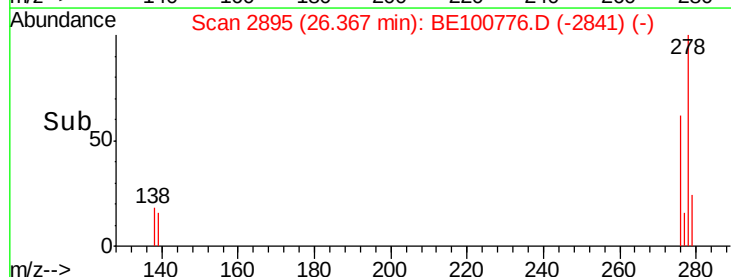
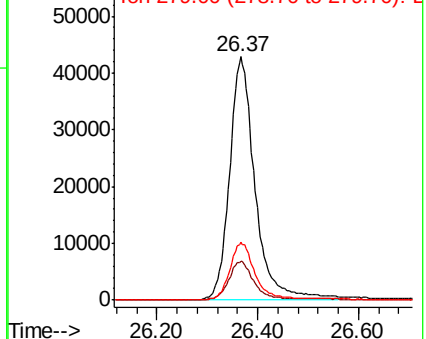


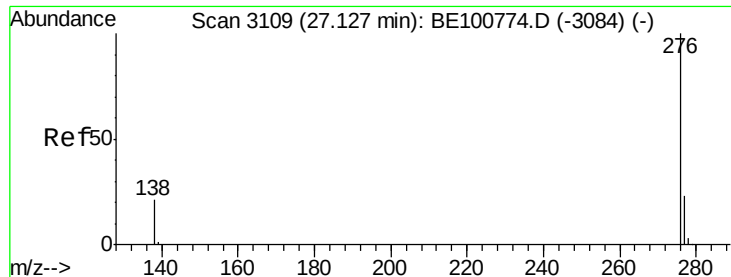
Abundance

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: 1.426 ng

RT: 27.12 min Scan# 3107

Delta R.T. -0.00 min

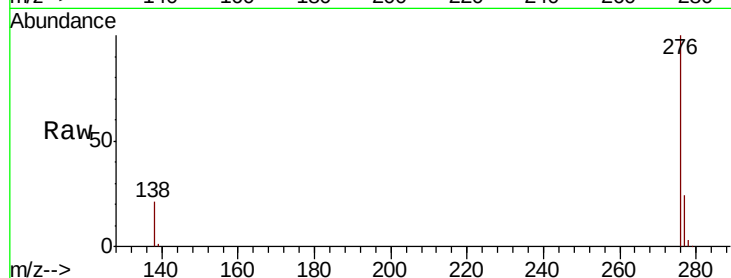
Lab File: BE100776.D

Acq: 4 Dec 2019 15:06

Instrument :

BNA_E

ClientSampleId :



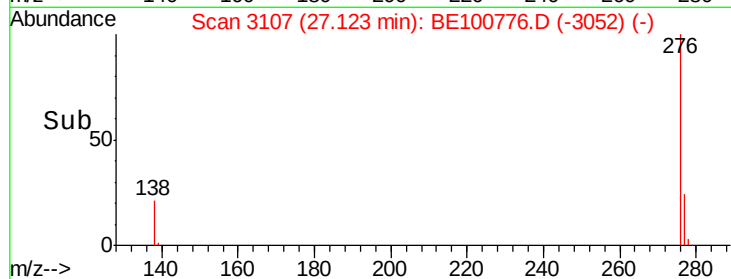
Tot Ion: 276 Resp: 153411

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 21.3 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

