

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
 Data File : BE100722.D
 Acq On : 14 Nov 2019 15:46
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 14 17:15:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 16:59:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1941	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	8226	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	5337	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	12772	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16908	0.40	ng	0.00
34) Perylene-d12	23.73	264	18791	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	4277	0.71	ng	0.00
5) Phenol-d6	6.94	99	6049	0.72	ng	0.00
8) Nitrobenzene-d5	8.91	82	5240	1.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	9924	0.77	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	346	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	14848	0.76	ng	0.00
25) Fluoranthene-d10	19.16	212	125152	0.76	ng	0.00
29) Terphenyl-d14	19.76	244	30486	0.82	ng	0.00

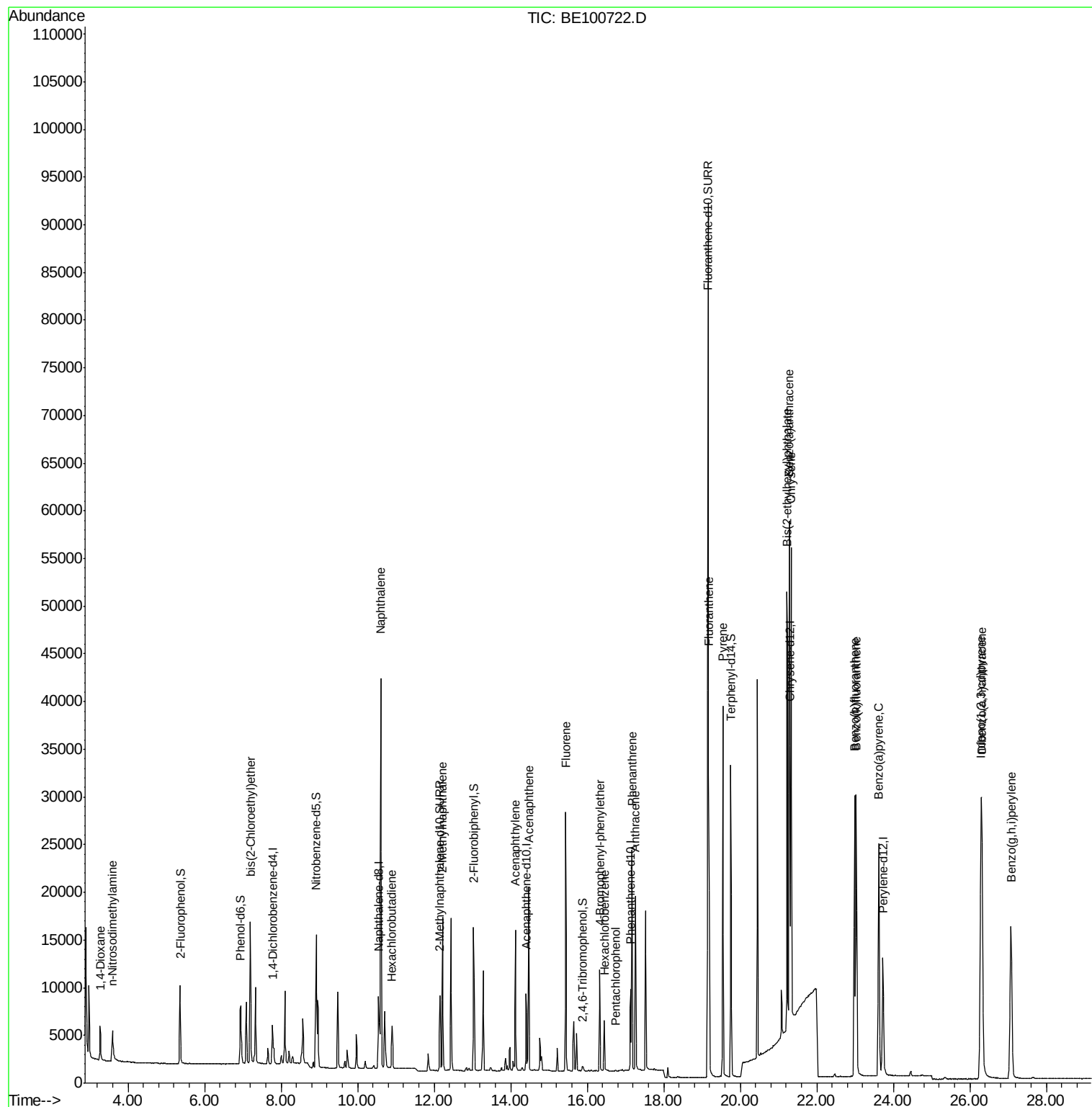
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	2535	0.732	ng	91
3) n-Nitrosodimethylamine	3.59	42	2535	0.692	ng	# 98
6) bis(2-Chloroethyl)ether	7.20	93	5385	0.776	ng	98
9) Naphthalene	10.60	128	65229	0.754	ng	100
10) Hexachlorobutadiene	10.90	225	3028	0.806	ng	97
12) 2-Methylnaphthalene	12.22	142	11174	0.758	ng	96
16) Acenaphthylene	14.13	152	16021	0.698	ng	99
17) Acenaphthene	14.47	154	10604	0.714	ng	99
18) Fluorene	15.43	166	14685	0.745	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	4977	0.766	ng	96
21) Hexachlorobenzene	16.45	284	4878	0.788	ng	98
22) Pentachlorophenol	16.75	266	6	0.003	ng	98
23) Phenanthrene	17.17	178	25636	0.730	ng	99
24) Anthracene	17.25	178	22681	0.696	ng	99
26) Fluoranthene	19.18	202	34659	0.756	ng	99
28) Pyrene	19.55	202	35480	0.751	ng	99
30) Benzo(a)anthracene	21.28	228	40905	0.742	ng	100
31) Chrysene	21.33	228	41597	0.755	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	63635	0.552	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	48399	0.714	ng	100
35) Benzo(b)fluoranthene	22.99	252	41198	0.752	ng	98
36) Benzo(k)fluoranthene	23.03	252	43980	0.780	ng	99
37) Benzo(a)pyrene	23.62	252	38989	0.764	ng	97
38) Dibenzo(a,h)anthracene	26.31	278	40151	0.762	ng	98
39) Benzo(g,h,i)perylene	27.07	276	39476	0.745	ng	99

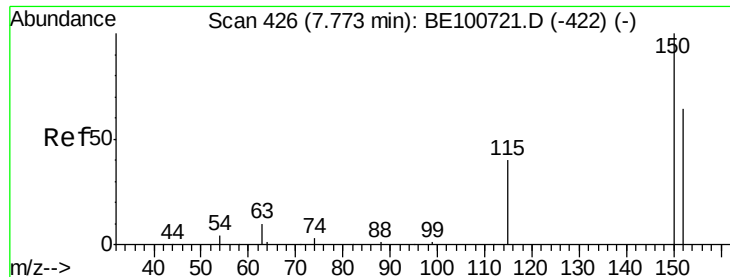
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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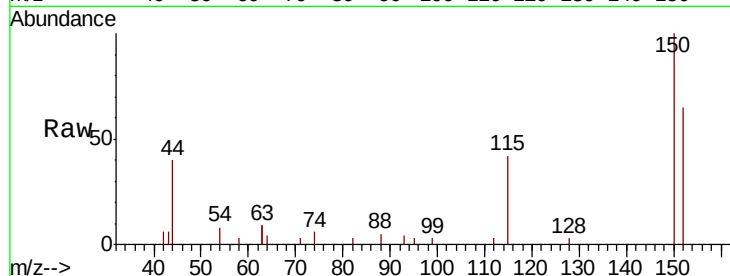


#1

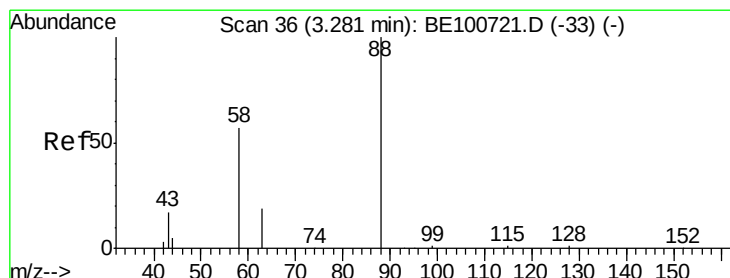
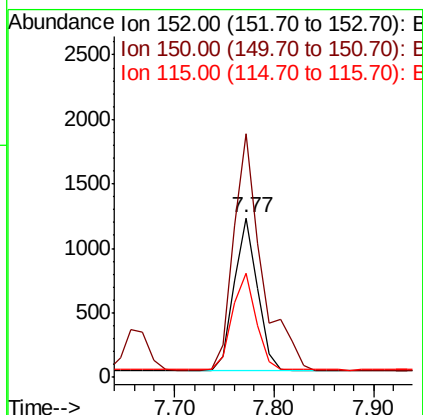
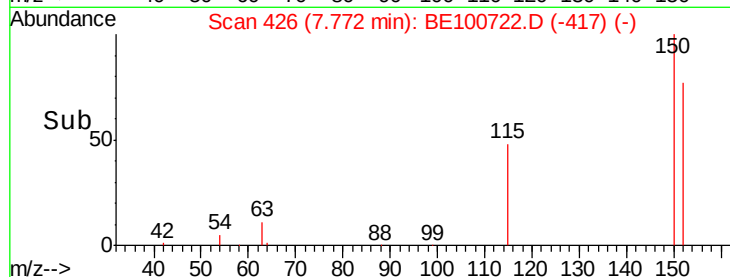
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1941
Ion Ratio Lower Upper
152 100
150 152.9 123.4 185.0
115 64.9 52.1 78.1



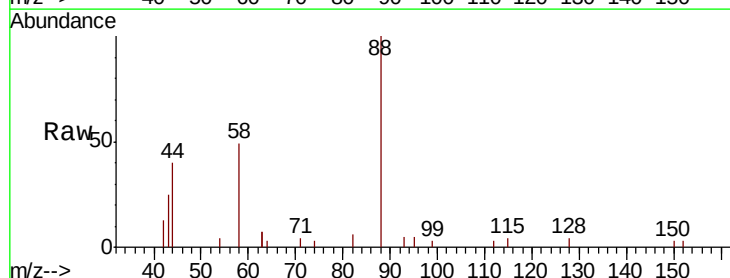
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



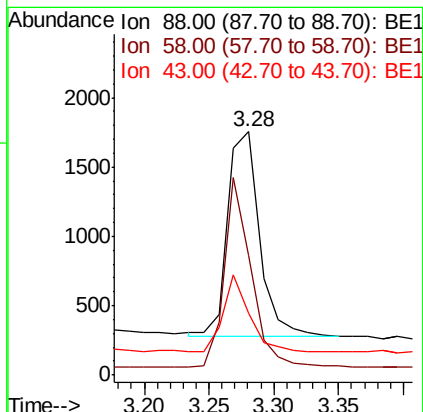
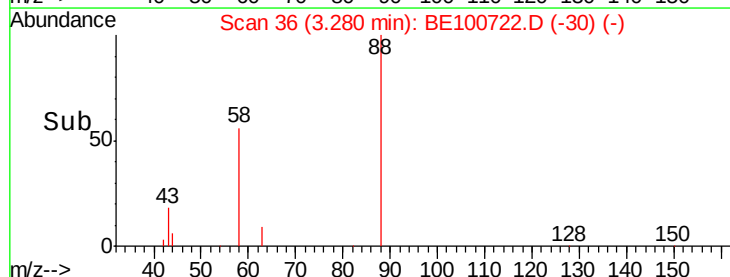
#2

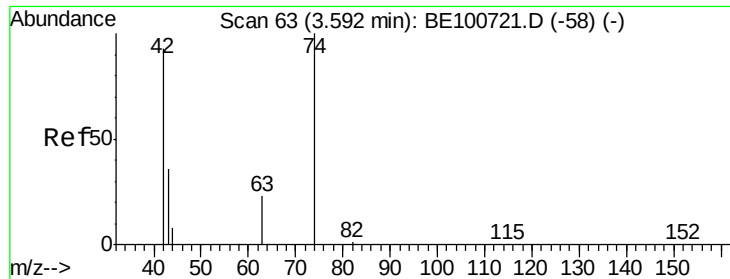
1,4-Dioxane
Concen: 0.732 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion: 88 Resp: 2535
Ion Ratio Lower Upper
88 100
58 77.4 69.8 104.8
43 30.9 27.0 40.4



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



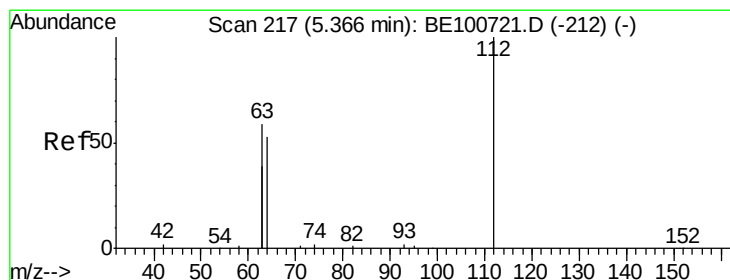
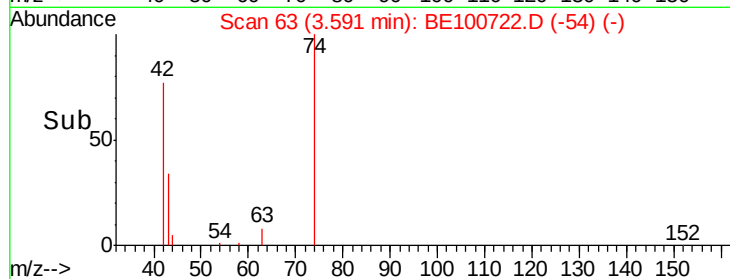
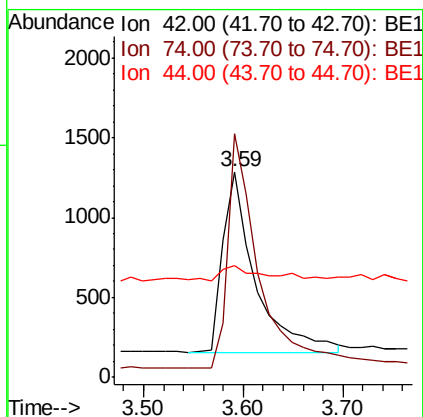
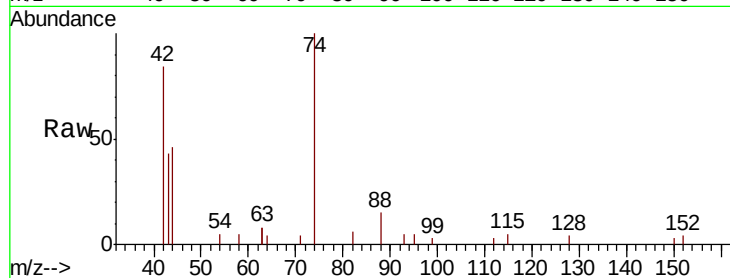


#3

n-Nitrosodimethylamine
 Concen: 0.692 ng
 RT: 3.59 min Scan# 63
 Delta R.T. -0.00 min
 Lab File: BE100722.D
 Acq: 14 Nov 2019 15:46

Instrument :
 BNA_E
 ClientSampleId :

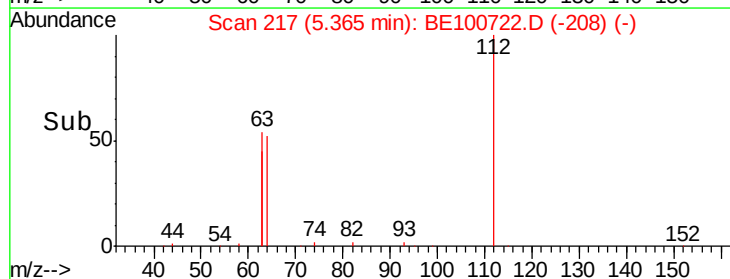
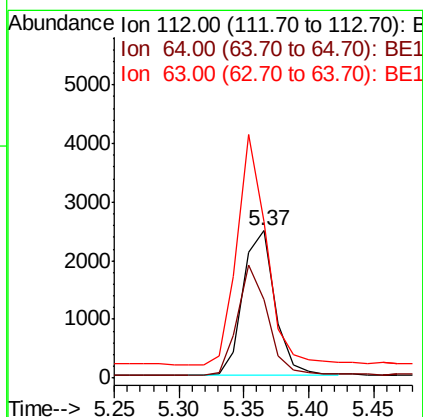
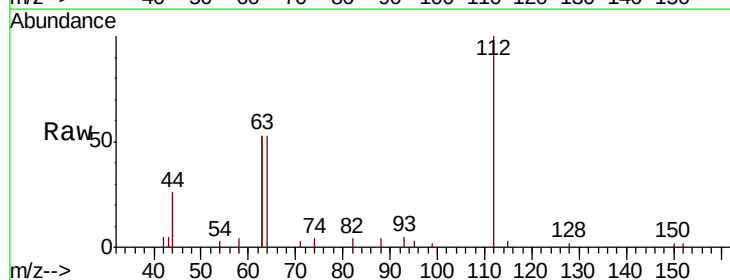
Tot Ion	Ratio	Lower	Upper
42	100		
74	124.1	99.7	149.5
44	9.1	11.8	17.8#

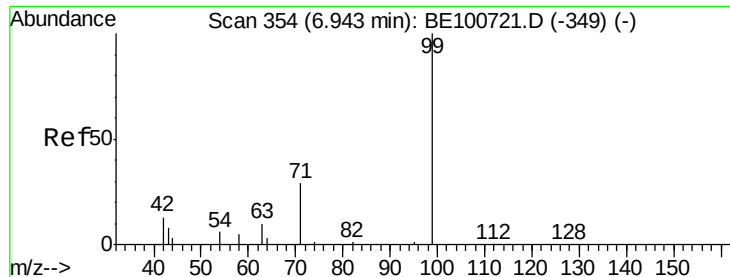


#4

2-Fluorophenol
 Concen: 0.714 ng
 RT: 5.37 min Scan# 217
 Delta R.T. -0.00 min
 Lab File: BE100722.D
 Acq: 14 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	58.3	87.5
63	144.9	115.4	173.2





#5

Phenol-d6

Concen: 0.716 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

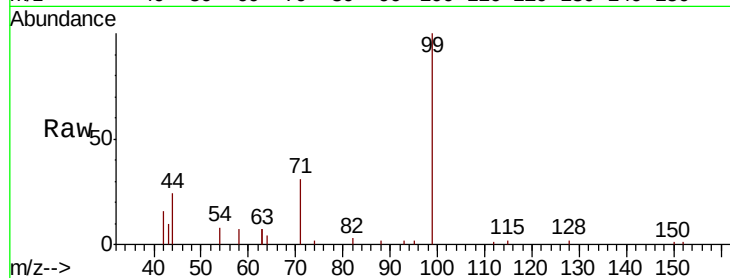
Tot Ion: 99 Resp: 6049

Ion Ratio Lower Upper

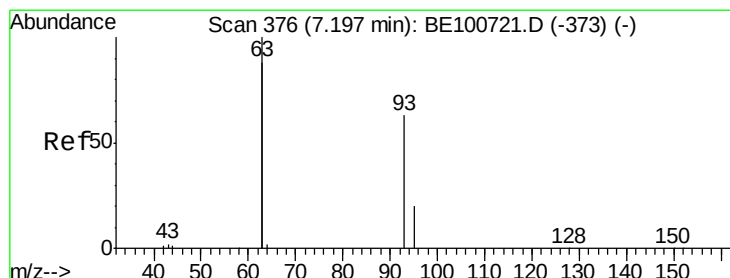
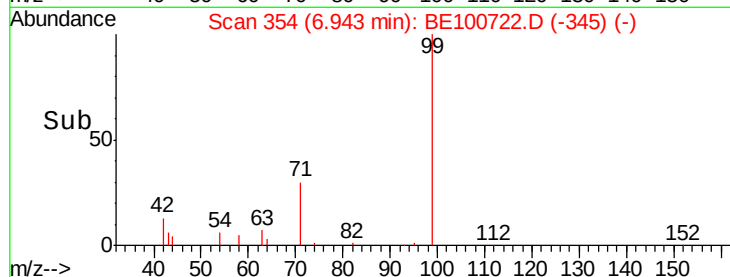
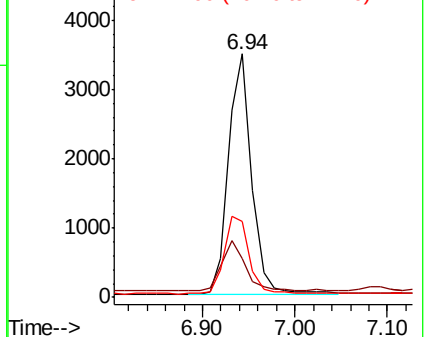
99 100

42 20.8 17.8 26.6

71 34.4 27.3 40.9



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: 0.776 ng

RT: 7.20 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

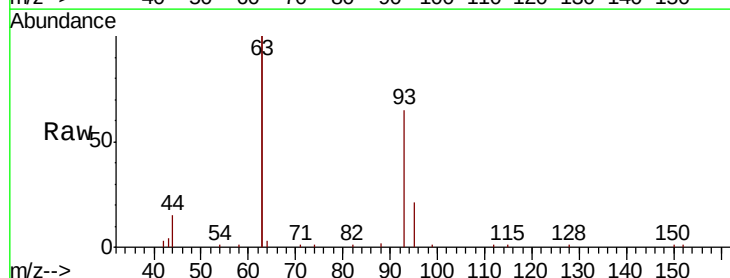
Tgt Ion: 93 Resp: 5385

Ion Ratio Lower Upper

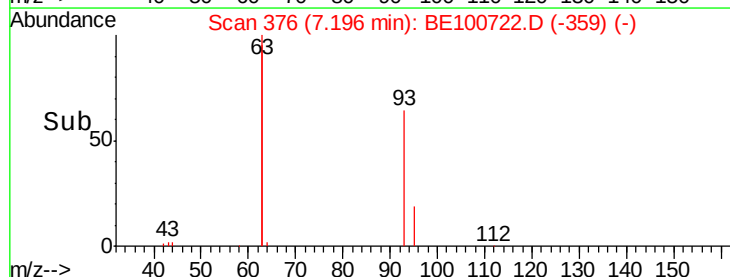
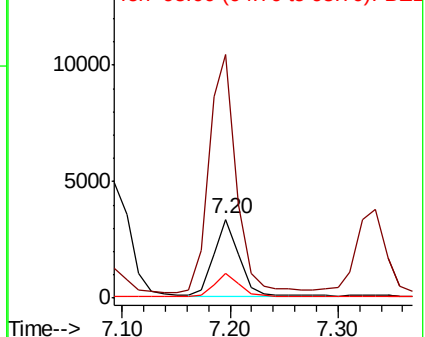
93 100

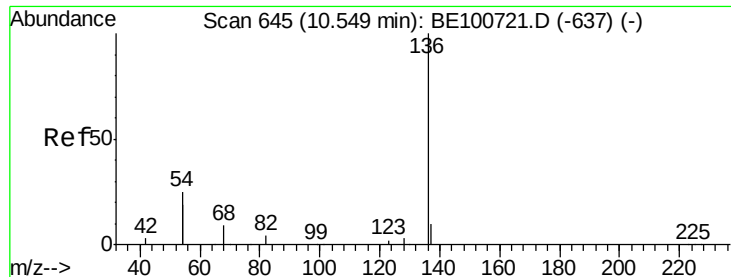
63 330.8 260.7 391.1

95 30.9 24.2 36.2



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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8226

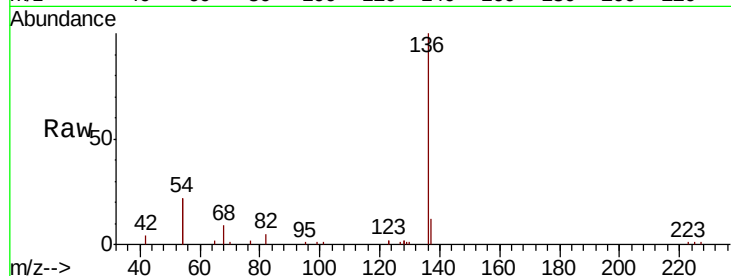
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 43.7 39.0 58.6

68 9.2 7.8 11.8

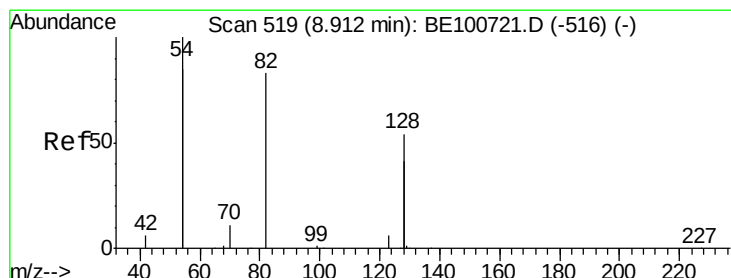
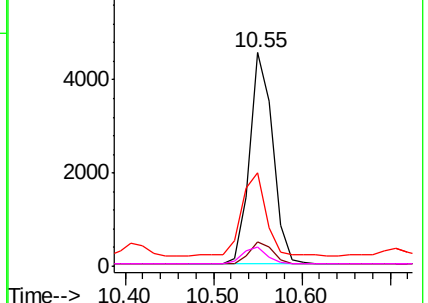
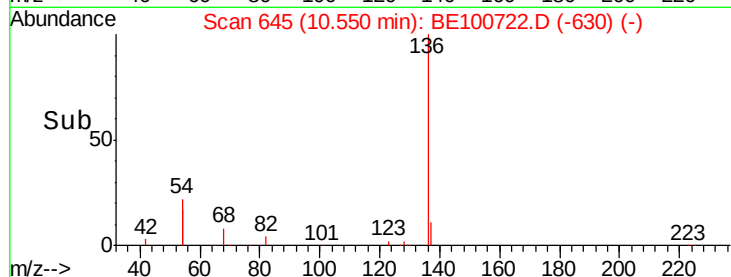


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.028 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

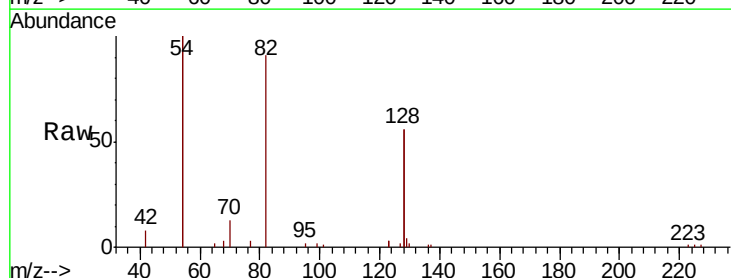
Tgt Ion: 82 Resp: 5240

Ion Ratio Lower Upper

82 100

128 123.0 99.6 149.4

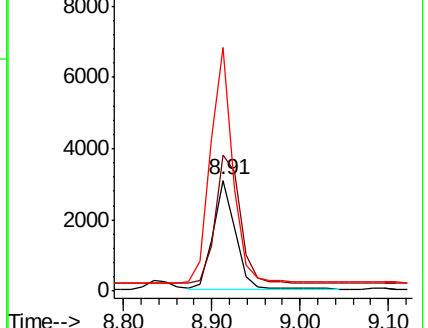
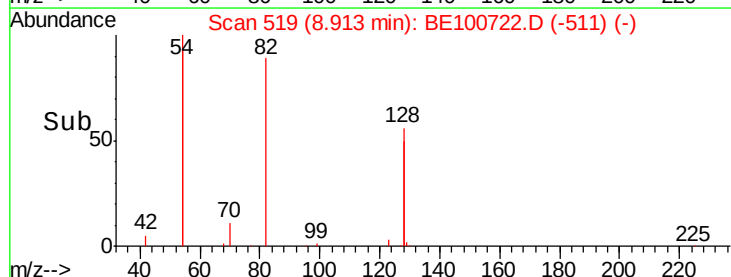
54 219.5 183.8 275.8

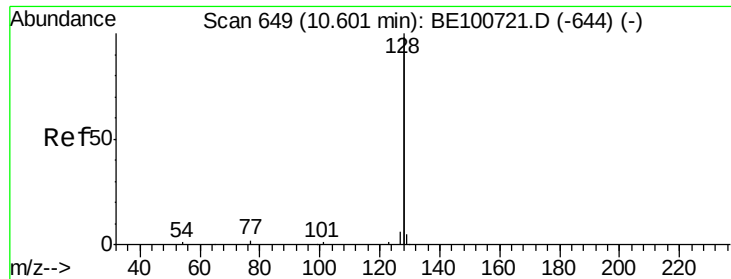


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.754 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

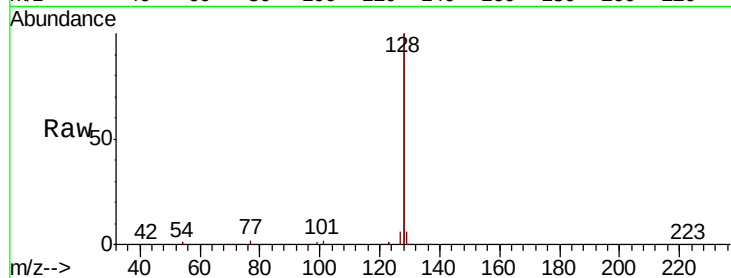
Tot Ion:128 Resp: 65229

Ion Ratio Lower Upper

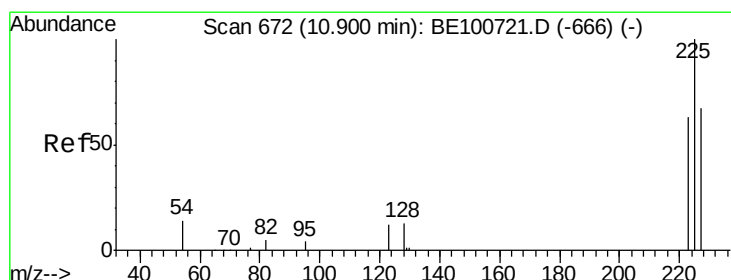
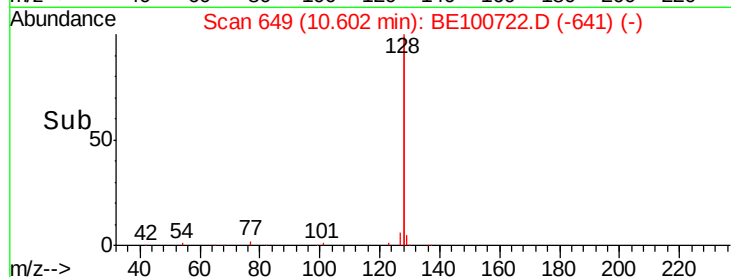
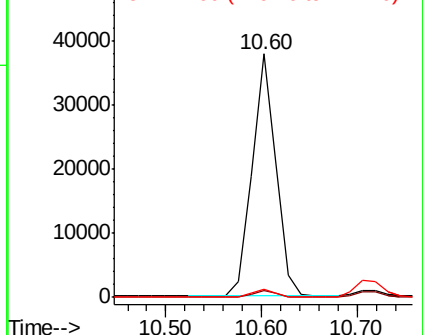
128 100

129 2.9 2.4 3.6

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: 0.806 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

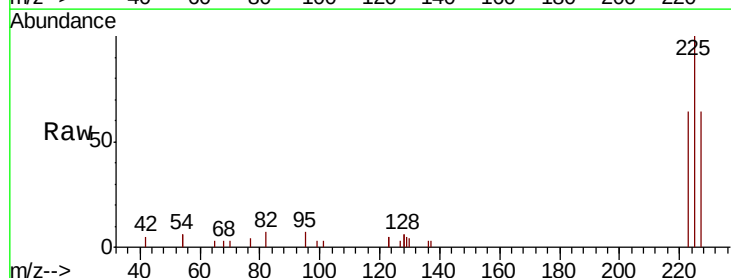
Tgt Ion:225 Resp: 3028

Ion Ratio Lower Upper

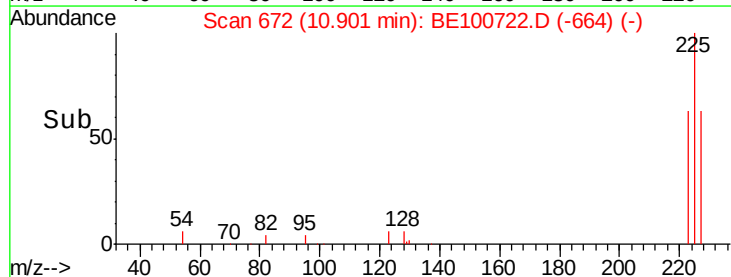
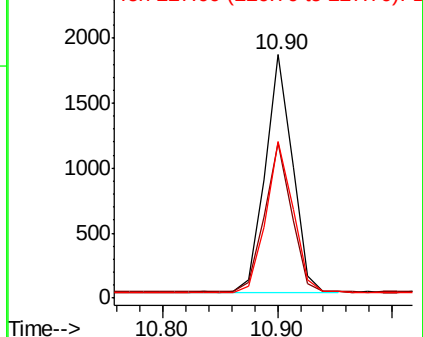
225 100

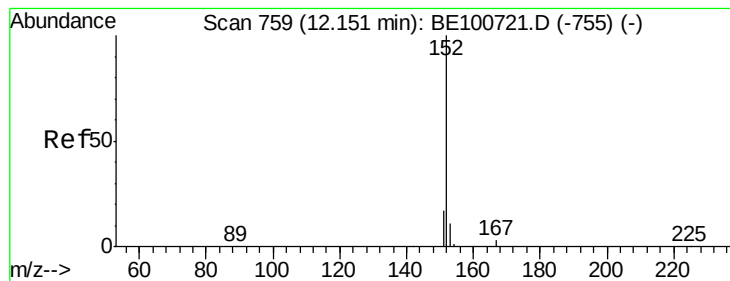
223 62.0 50.6 76.0

227 63.0 53.0 79.6



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: 0.765 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

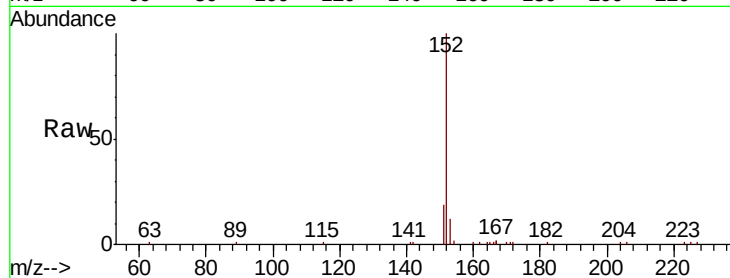
ClientSampleId :

Tot Ion:152 Resp: 9924

Ion Ratio Lower Upper

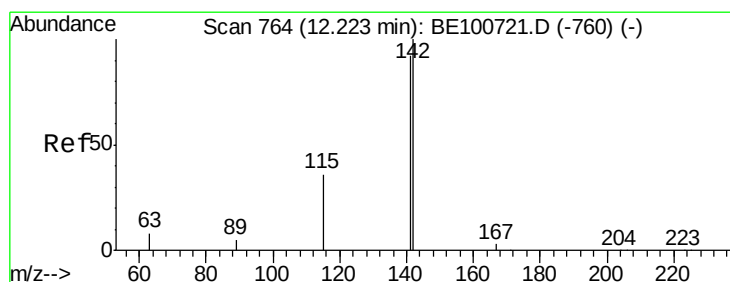
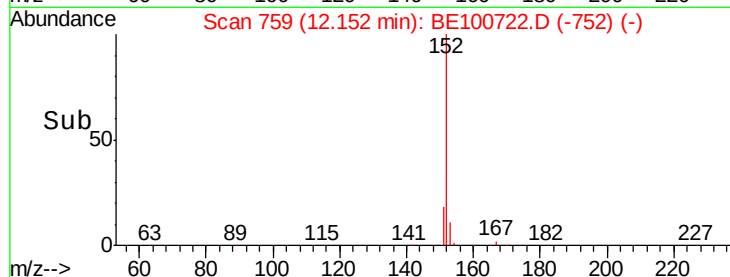
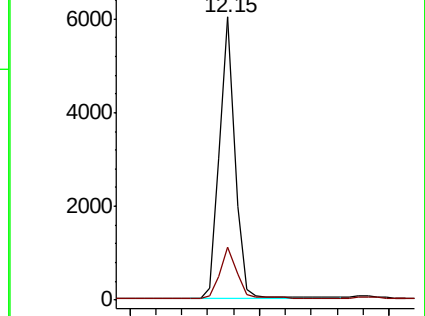
152 100

151 19.2 14.2 21.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.758 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

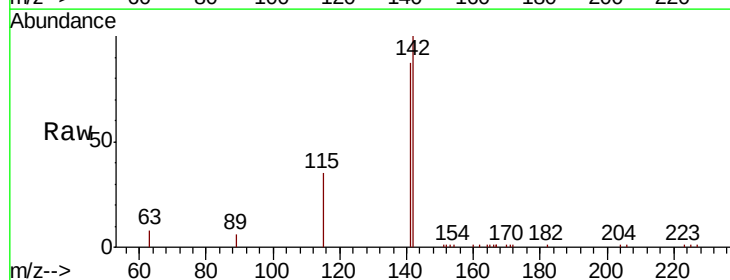
Tgt Ion:142 Resp: 11174

Ion Ratio Lower Upper

142 100

141 87.4 73.3 109.9

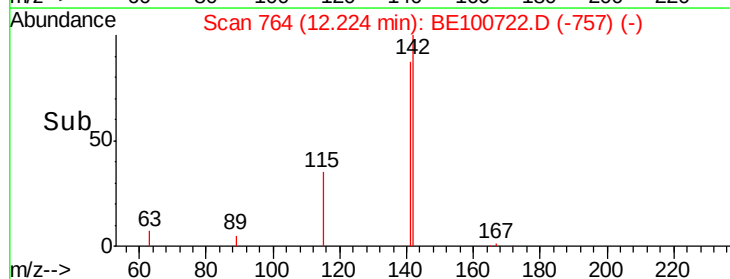
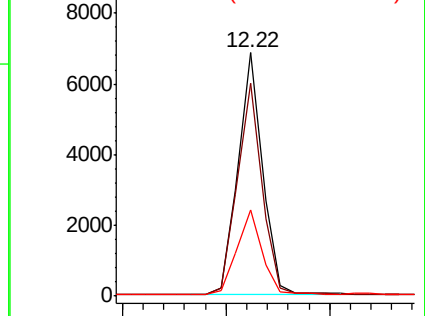
115 35.5 29.9 44.9

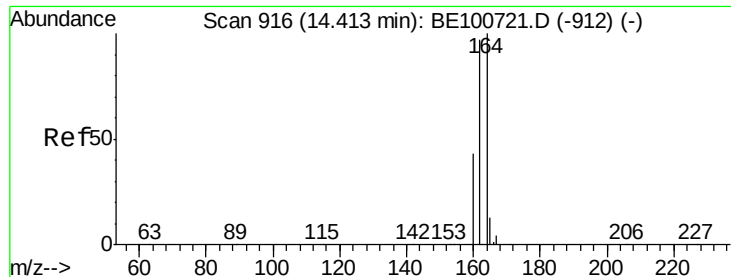


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

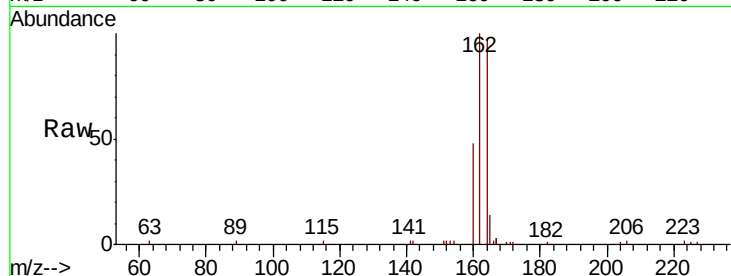




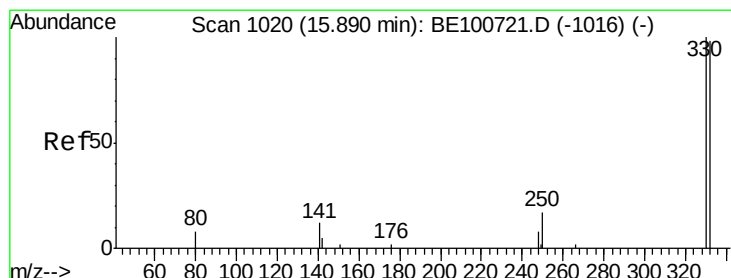
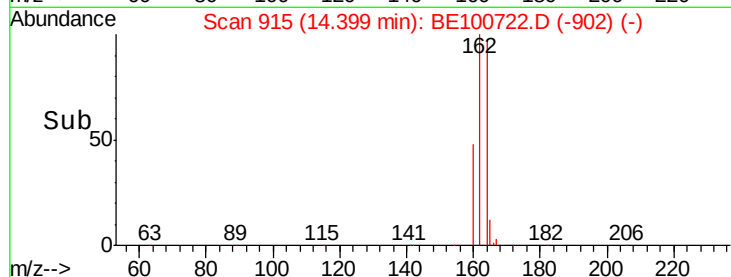
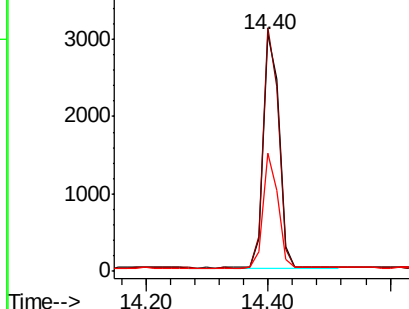
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BE100722.D
 Acq: 14 Nov 2019 15:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 5337
 Ion Ratio Lower Upper
 164 100
 162 102.8 77.8 116.8
 160 49.7 35.3 52.9

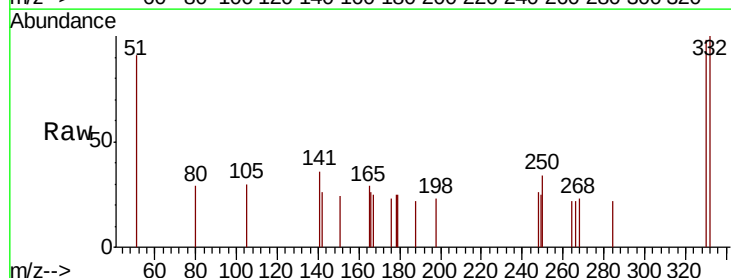


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

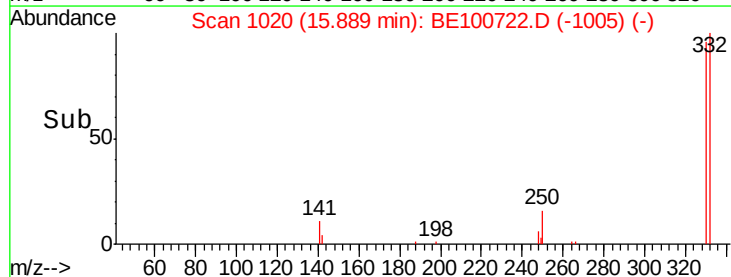
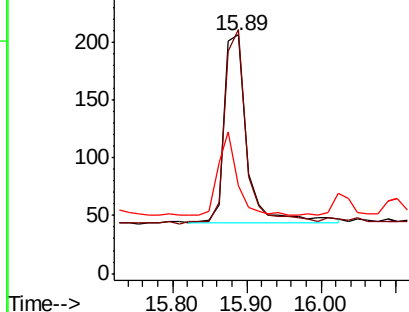


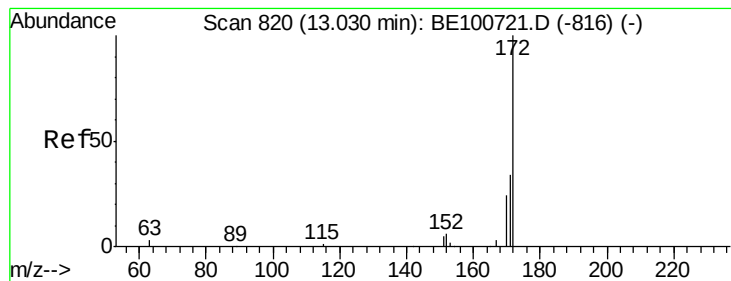
#14
 2,4,6-Tribromophenol
 Concen: 0.245 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE100722.D
 Acq: 14 Nov 2019 15:46

Tgt Ion:330 Resp: 346
 Ion Ratio Lower Upper
 330 100
 332 99.4 85.0 127.6
 141 38.4 28.2 42.2



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

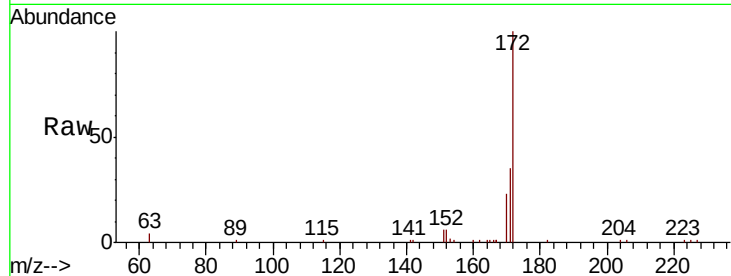




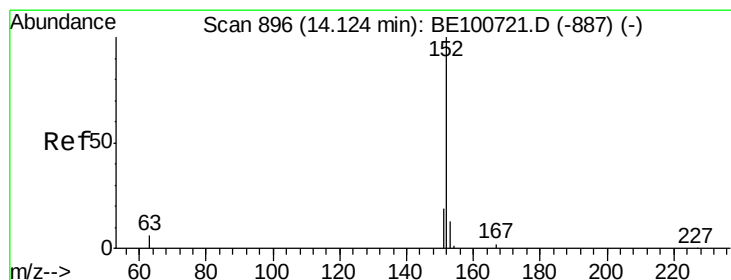
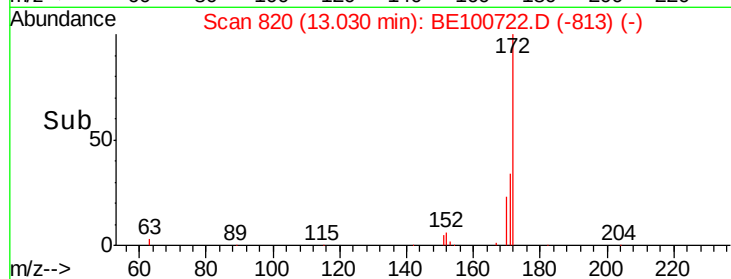
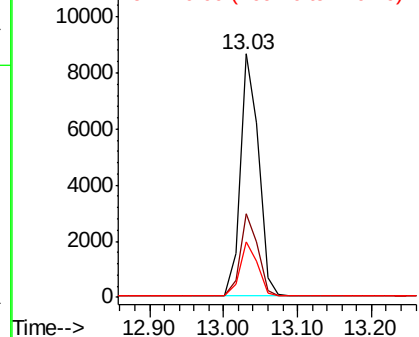
#15
2-Fluorobiphenyl
Concen: 0.764 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 14848
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.8 29.6

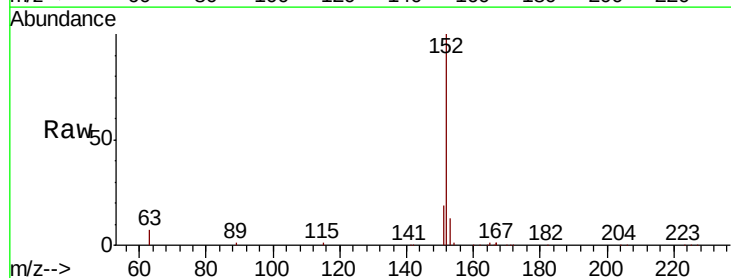


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

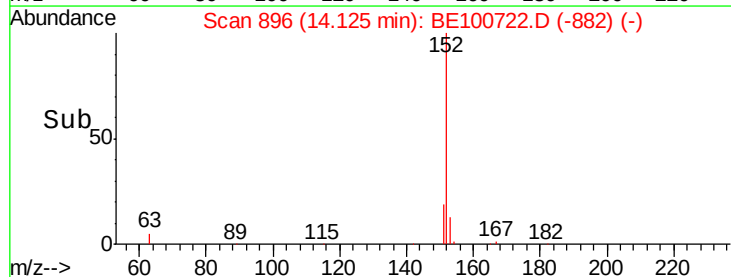
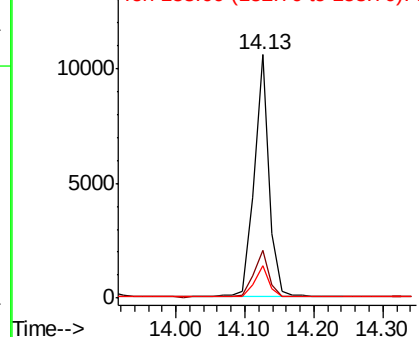


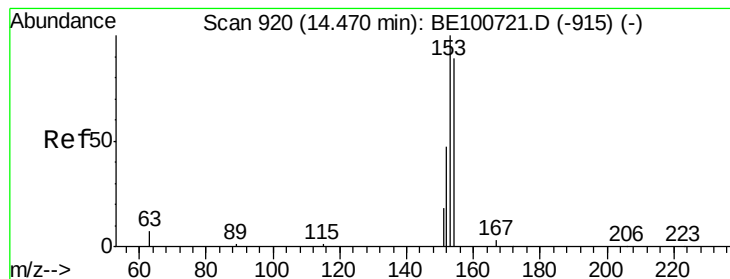
#16
Acenaphthylene
Concen: 0.698 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:152 Resp: 16021
Ion Ratio Lower Upper
152 100
151 19.4 14.9 22.3
153 13.1 10.7 16.1



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: 0.714 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

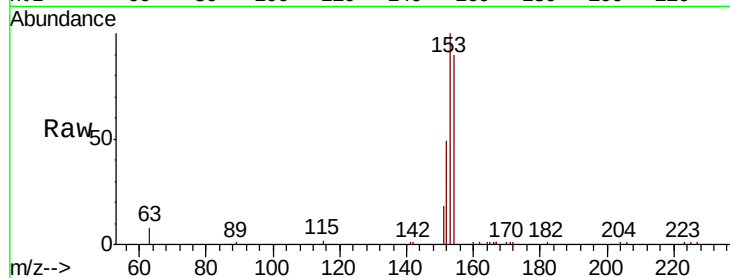
Tot Ion:154 Resp: 10604

Ion Ratio Lower Upper

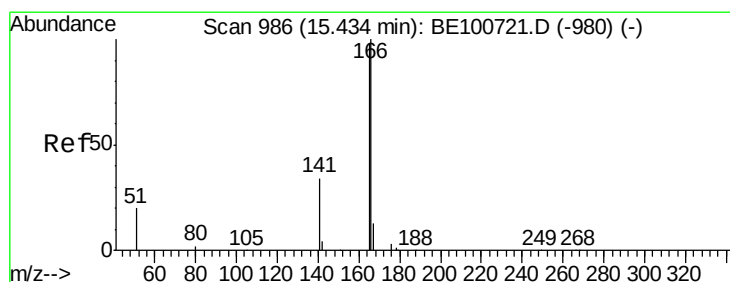
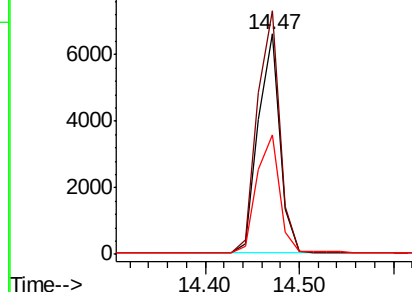
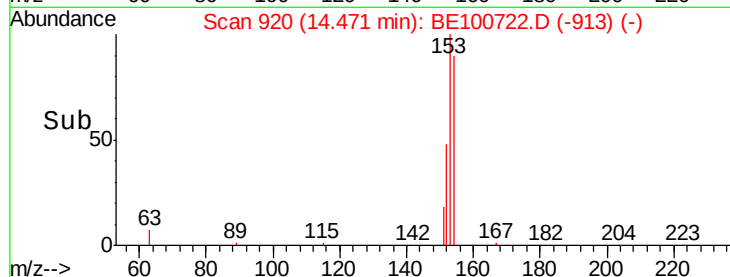
154 100

153 113.5 91.9 137.9

152 56.6 44.8 67.2



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: 0.745 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

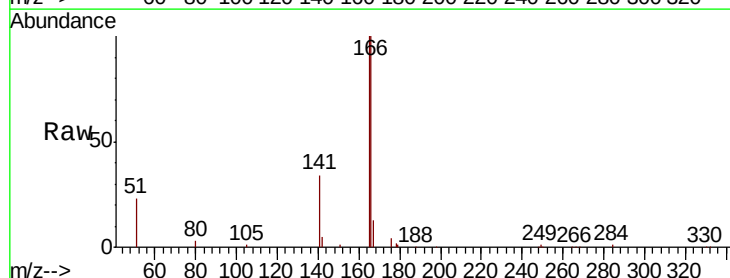
Tgt Ion:166 Resp: 14685

Ion Ratio Lower Upper

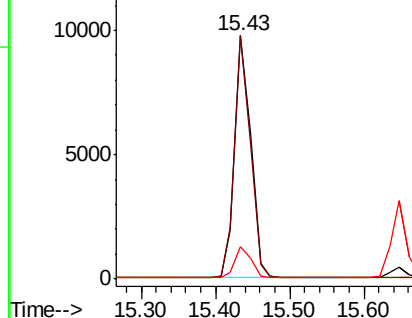
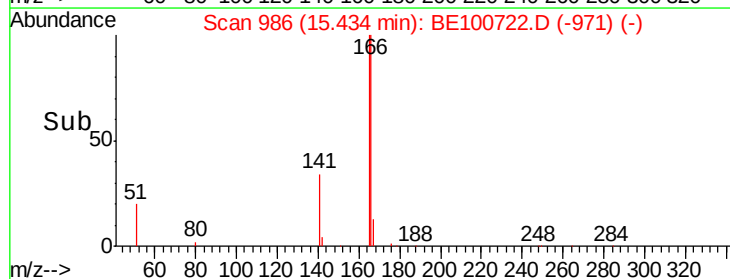
166 100

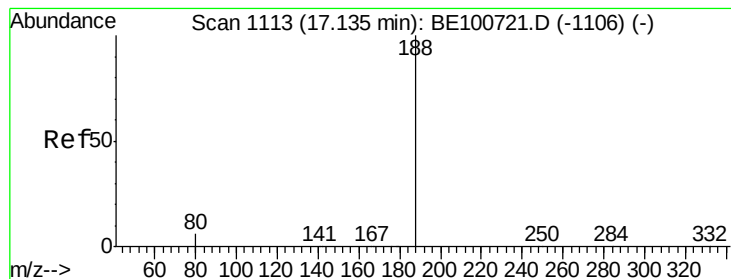
165 98.2 78.2 117.4

167 13.3 10.6 16.0



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: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

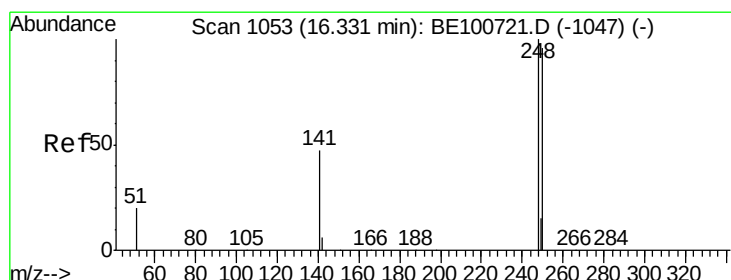
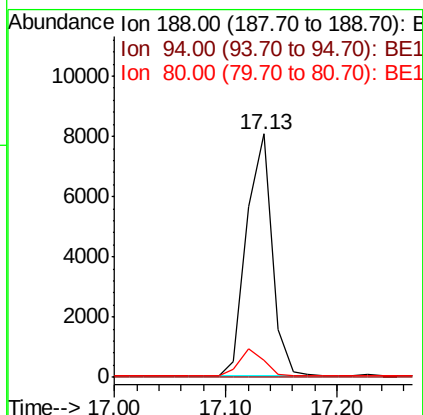
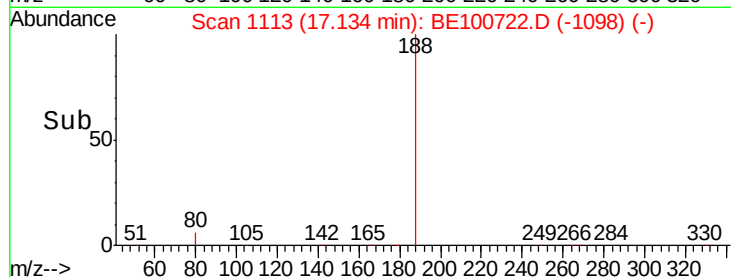
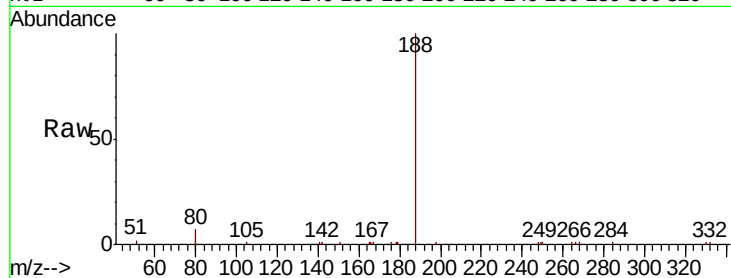
Tot Ion:188 Resp: 12772

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 5.4 8.0



#20

4-Bromophenyl-phenylether

Concen: 0.766 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

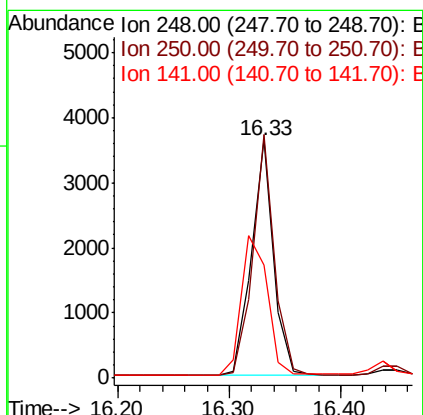
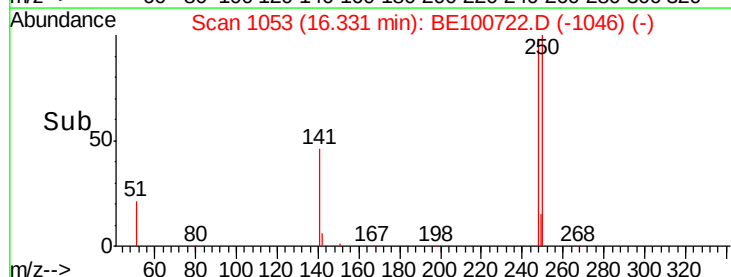
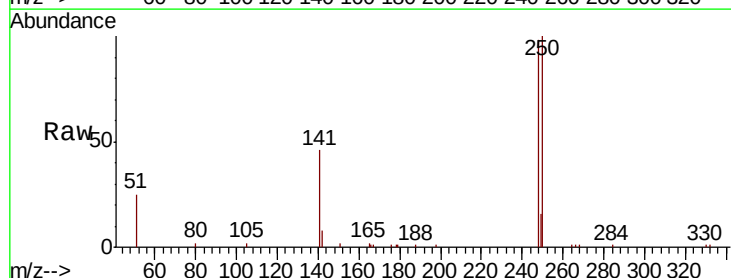
Tgt Ion:248 Resp: 4977

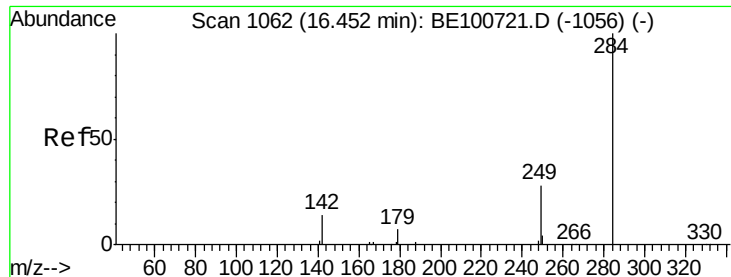
Ion Ratio Lower Upper

248 100

250 102.1 77.1 115.7

141 47.3 38.6 58.0





#21

Hexachlorobenzene

Concen: 0.788 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

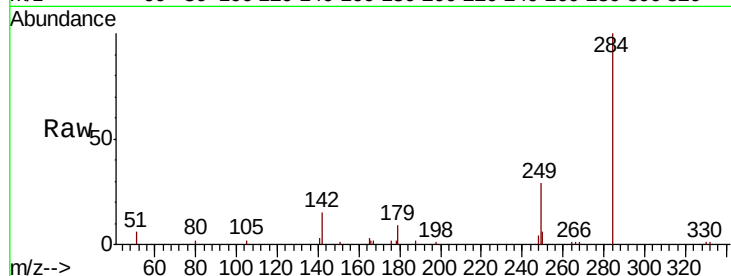
Tot Ion:284 Resp: 4878

Ion Ratio Lower Upper

284 100

142 33.7 28.2 42.2

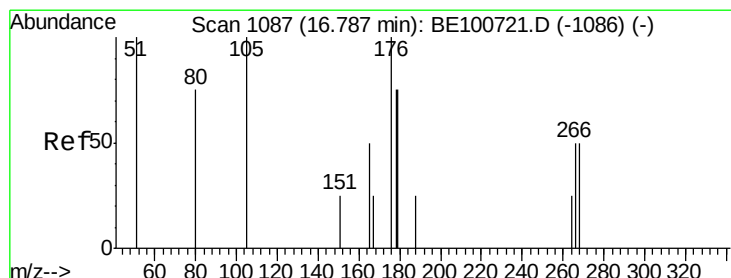
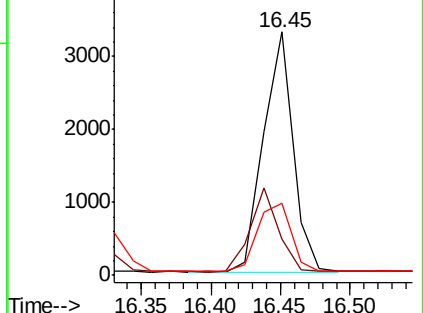
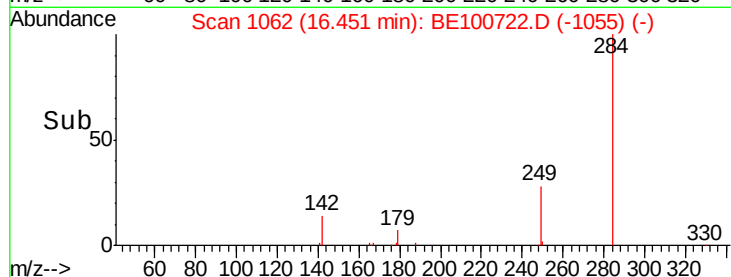
249 32.8 26.5 39.7



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: 0.003 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

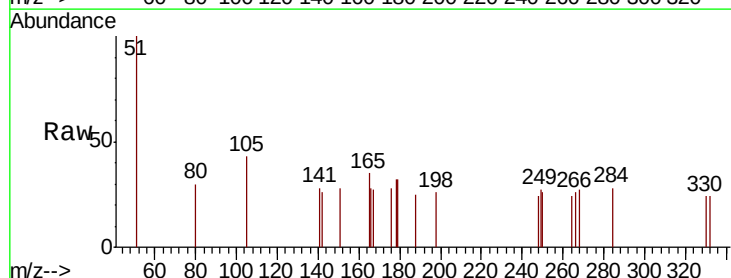
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 75.0 112.6

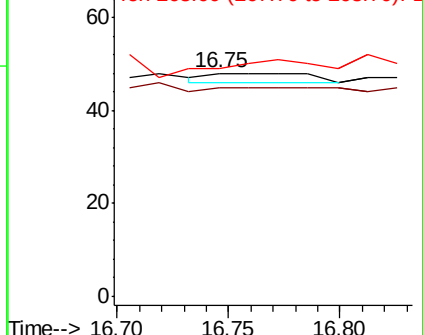
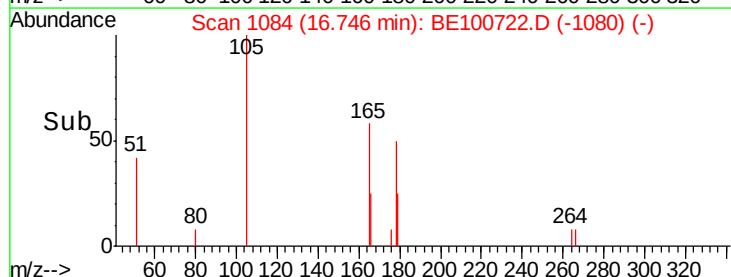
268 102.1 85.0 127.6

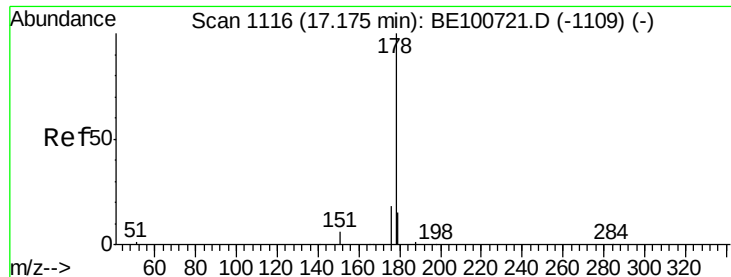


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.730 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

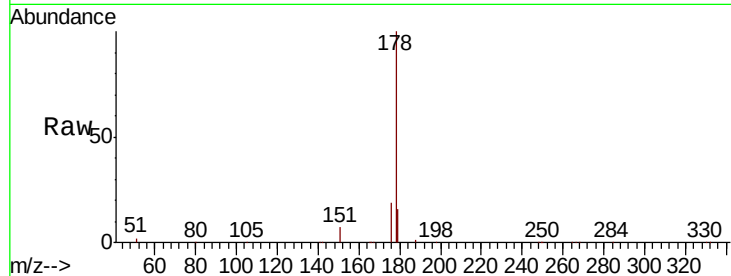
Tot Ion:178 Resp: 25636

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

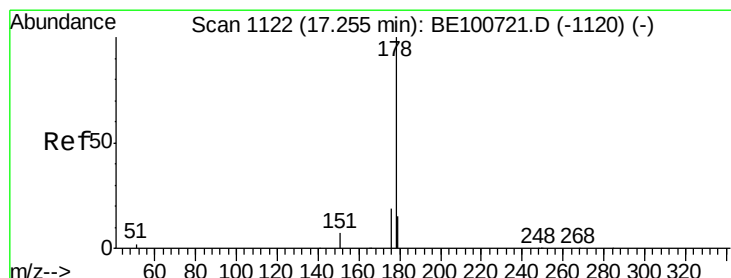
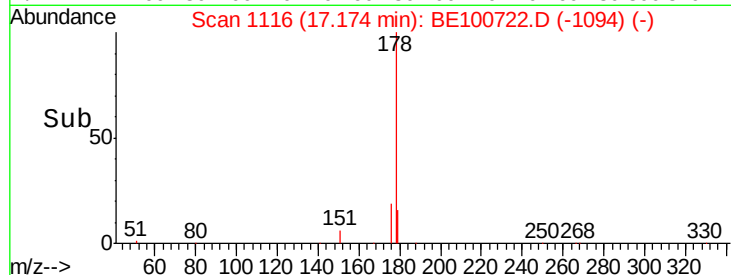
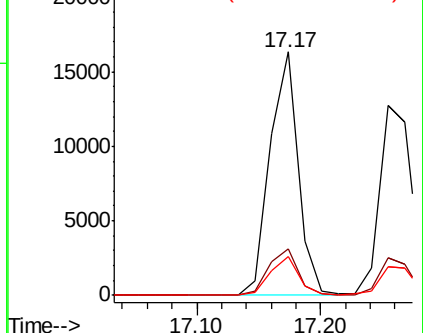
179 15.4 12.6 18.8



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: 0.696 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

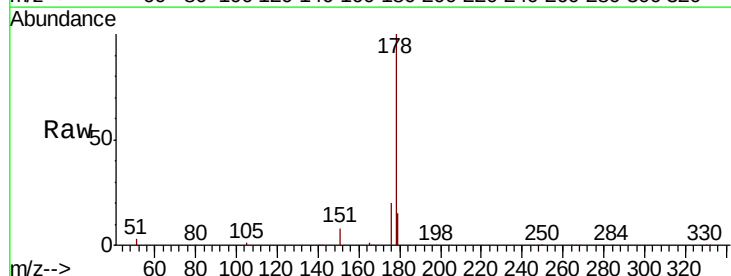
Tgt Ion:178 Resp: 22681

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

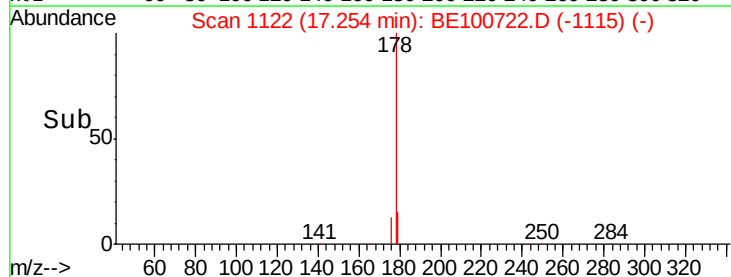
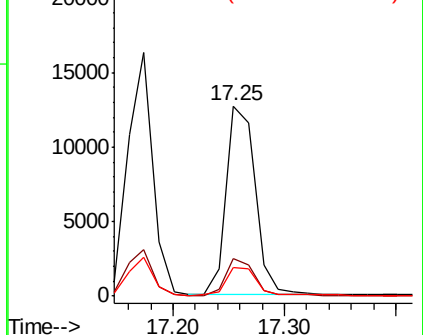
179 15.2 12.6 18.8

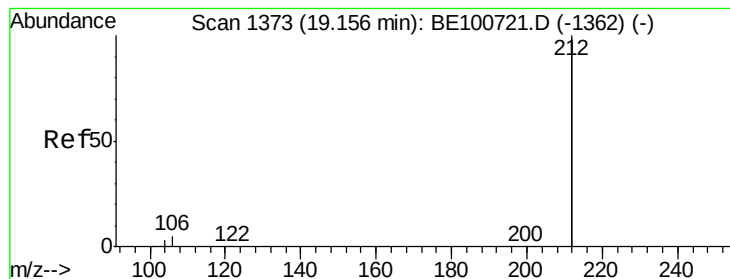


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.759 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampled :

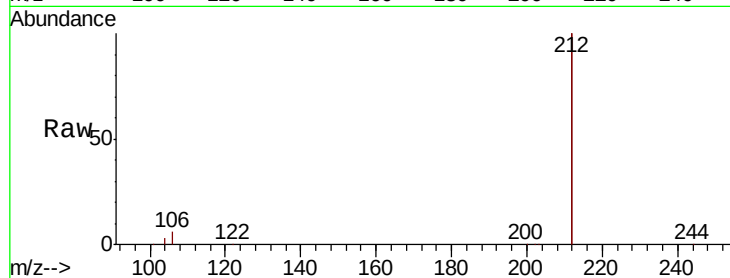
Tot Ion:212 Resp: 125152

Ion Ratio Lower Upper

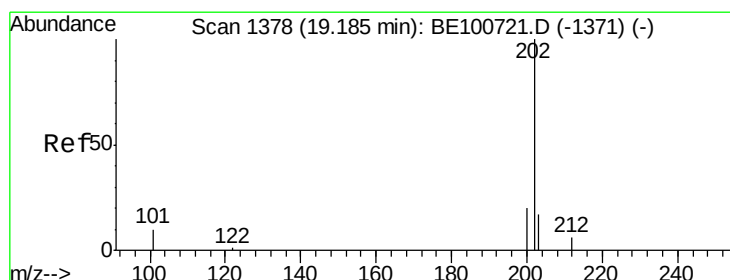
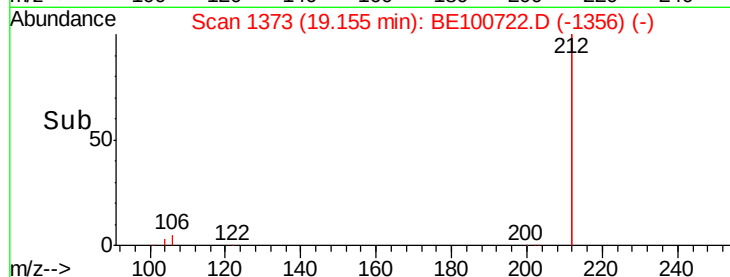
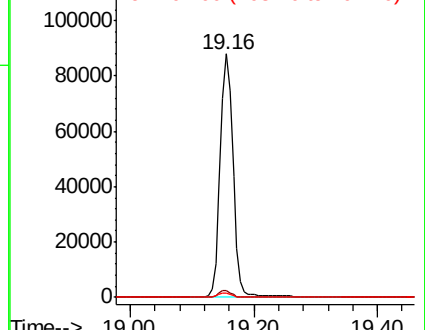
212 100

106 2.8 2.2 3.4

104 1.5 1.2 1.8



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: 0.756 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

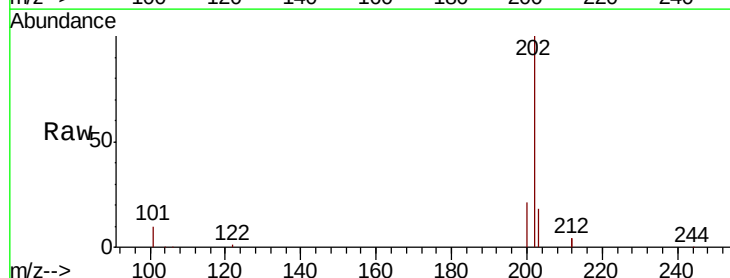
Tgt Ion:202 Resp: 34659

Ion Ratio Lower Upper

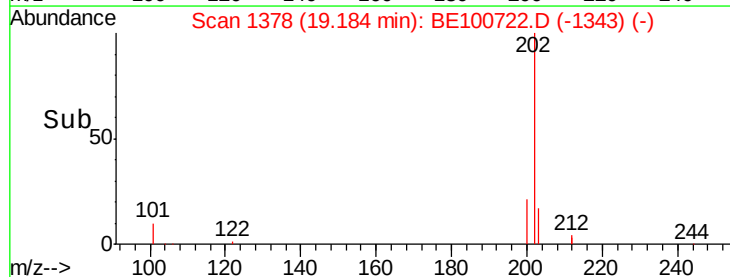
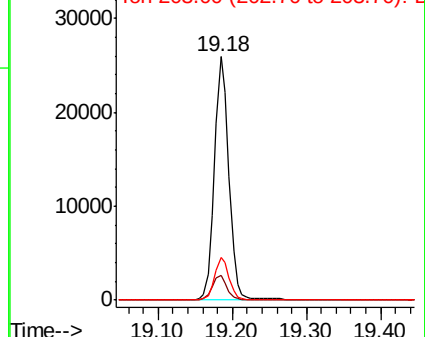
202 100

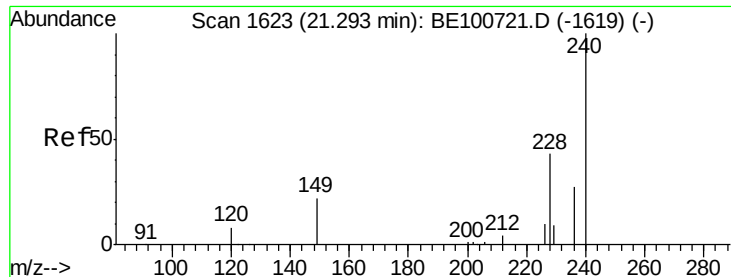
101 10.4 8.6 12.8

203 17.3 13.6 20.4



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: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

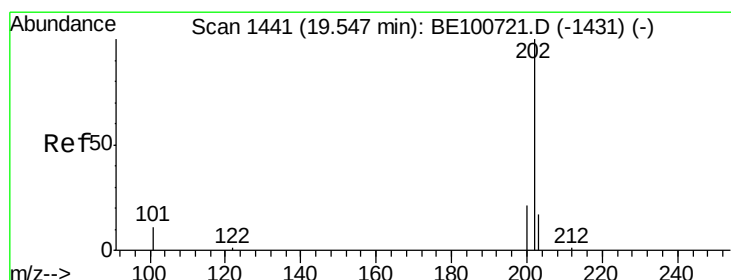
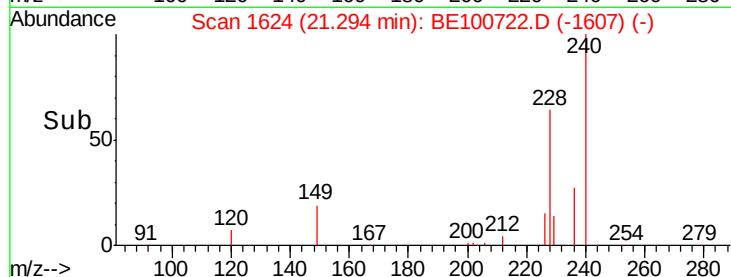
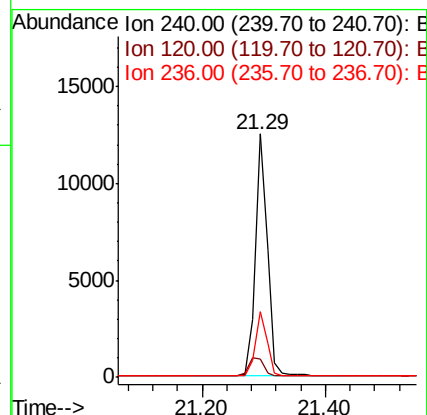
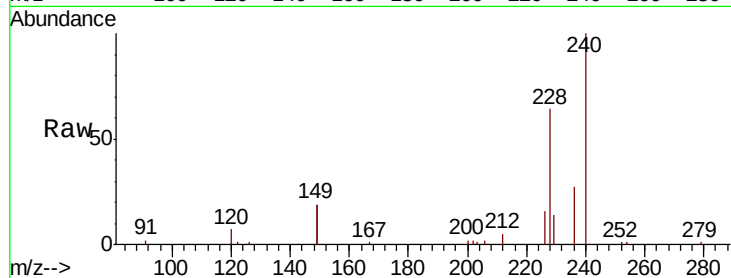
Tot Ion:240 Resp: 16908

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

236 27.1 21.8 32.6



#28

Pyrene

Concen: 0.751 ng

RT: 19.55 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

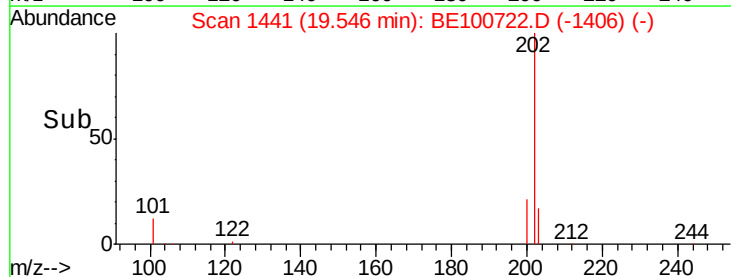
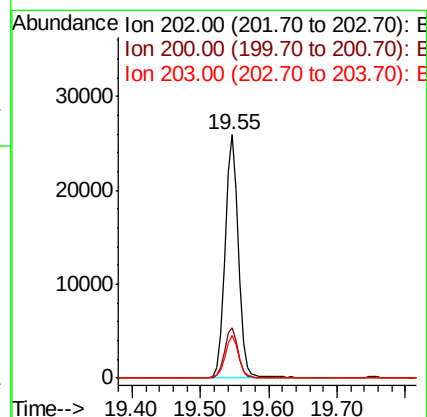
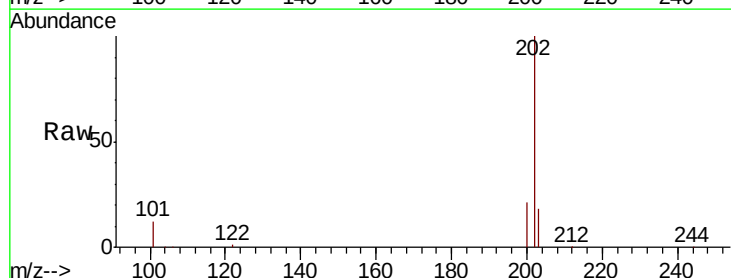
Tgt Ion:202 Resp: 35480

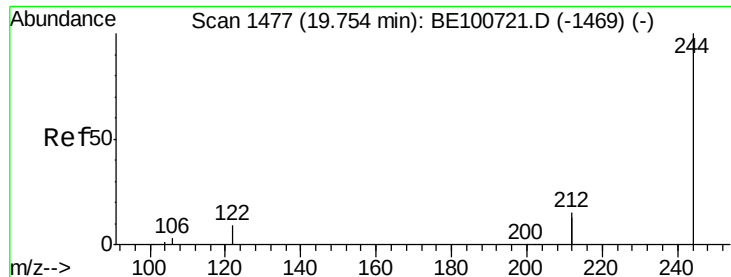
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.825 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

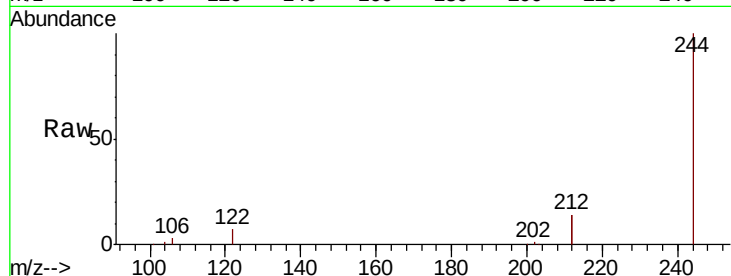
Tot Ion:244 Resp: 30486

Ion Ratio Lower Upper

244 100

212 27.9 24.3 36.5

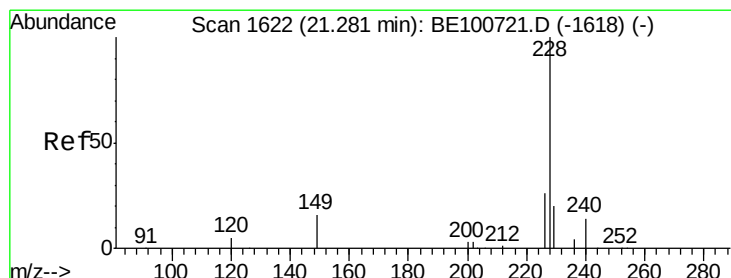
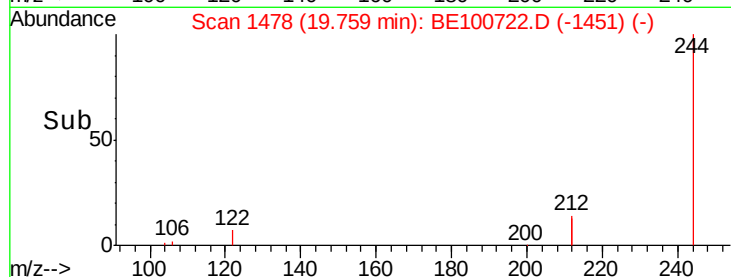
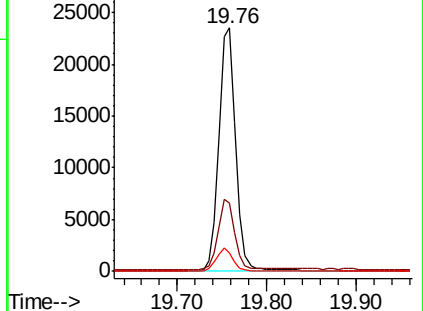
122 7.3 7.6 11.4#



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: 0.742 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

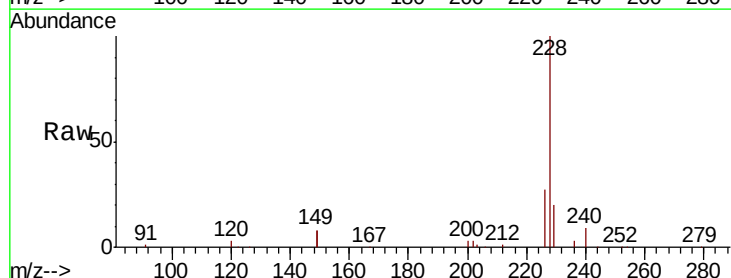
Tgt Ion:228 Resp: 40905

Ion Ratio Lower Upper

228 100

226 26.7 21.1 31.7

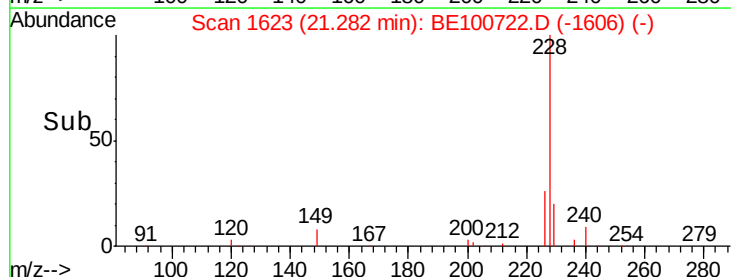
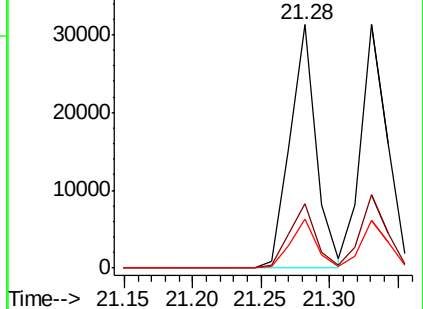
229 20.1 15.9 23.9

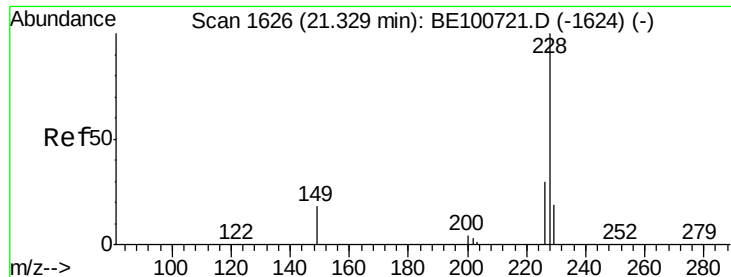


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.755 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

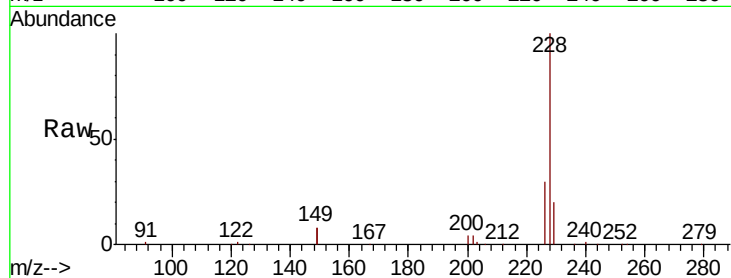
Tot Ion:228 Resp: 41597

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

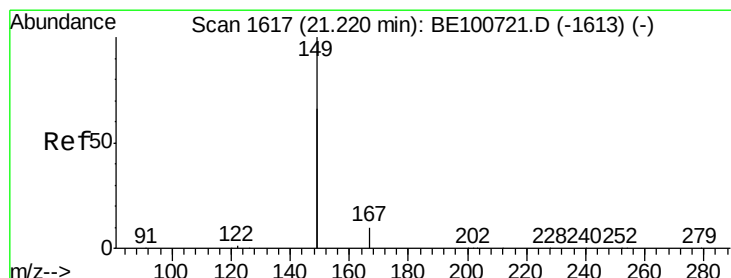
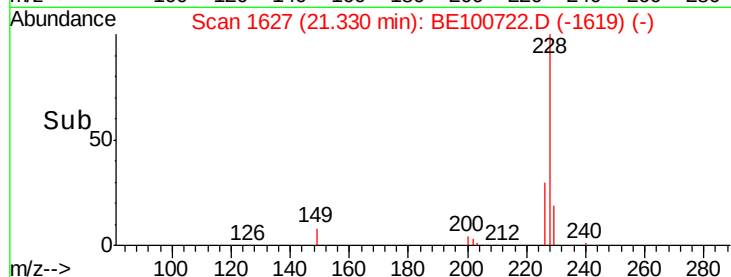
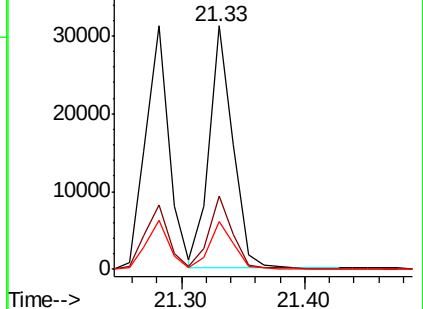
229 19.5 15.5 23.3



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: 0.552 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

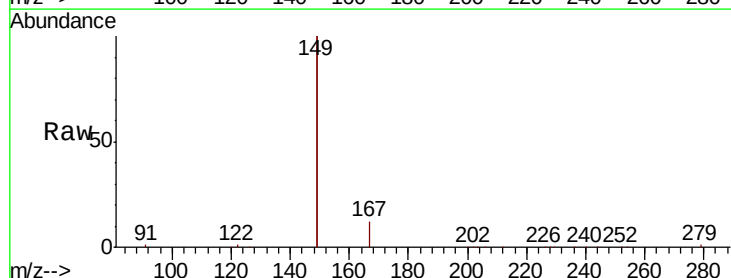
Tgt Ion:149 Resp: 63635

Ion Ratio Lower Upper

149 100

167 6.8 5.2 7.8

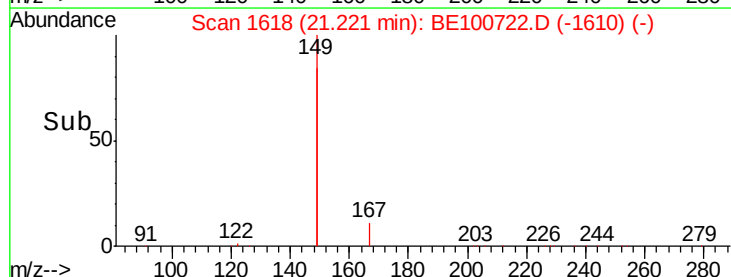
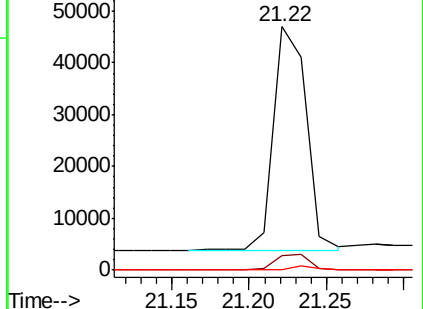
279 1.2 0.9 1.3

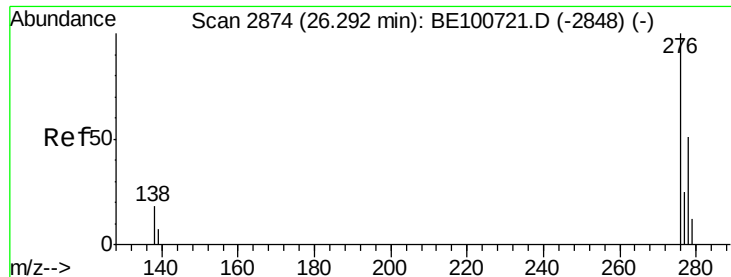


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

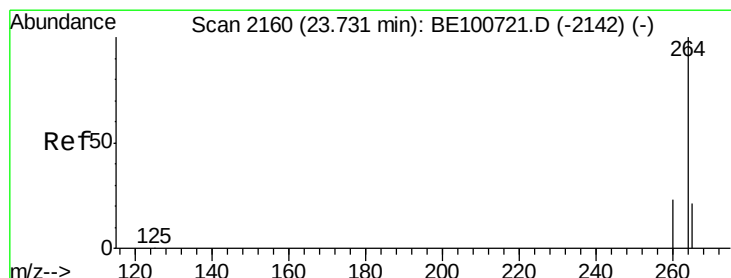
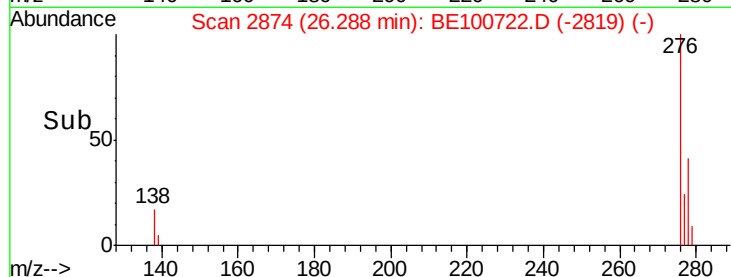
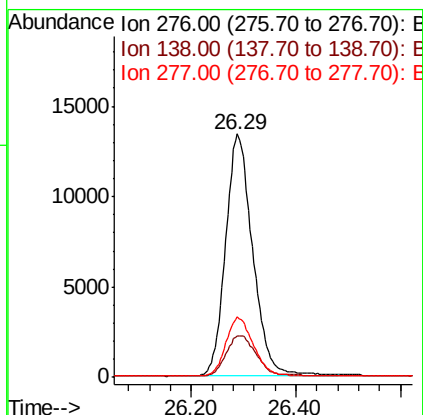
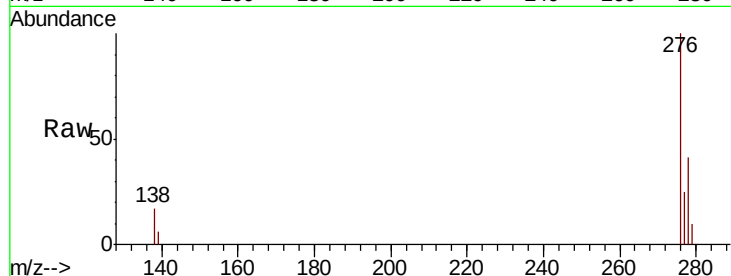




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.714 ng
 RT: 26.29 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BE100722.D
 Acq: 14 Nov 2019 15:46

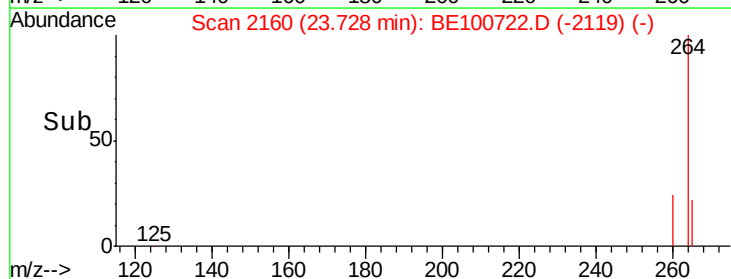
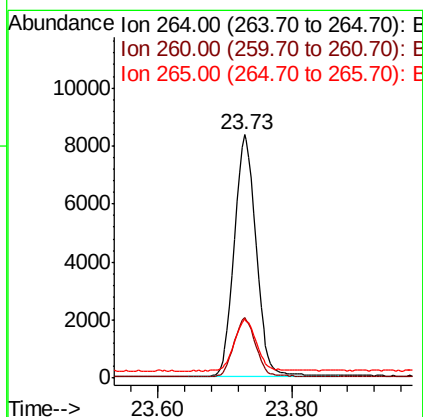
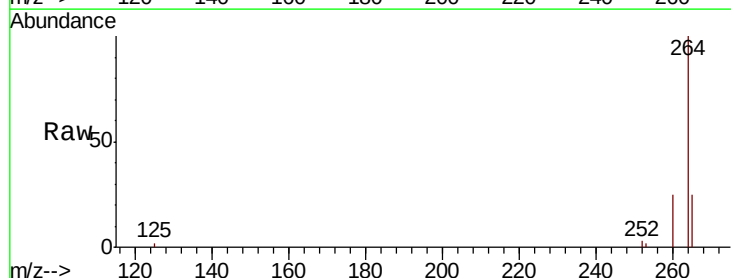
Instrument :
 BNA_E
 ClientSampleId :

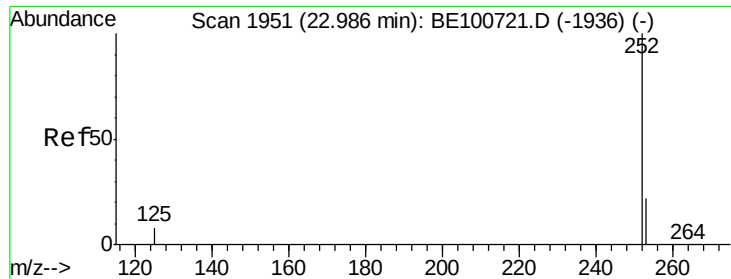
Tot Ion:276 Resp: 48399
 Ion Ratio Lower Upper
 276 100
 138 18.4 14.8 22.2
 277 24.6 19.6 29.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100722.D
 Acq: 14 Nov 2019 15:46

Tgt Ion:264 Resp: 18791
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 24.5 19.7 29.5





#35

Benzo(b)fluoranthene

Concen: 0.752 ng

RT: 22.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

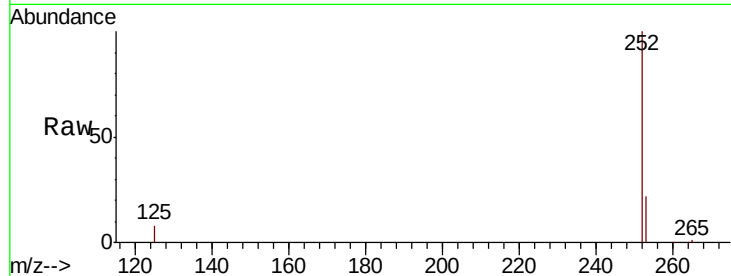
Tot Ion:252 Resp: 41198

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

125 7.9 7.0 10.4

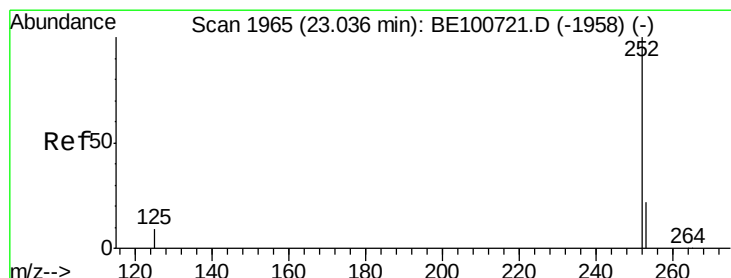
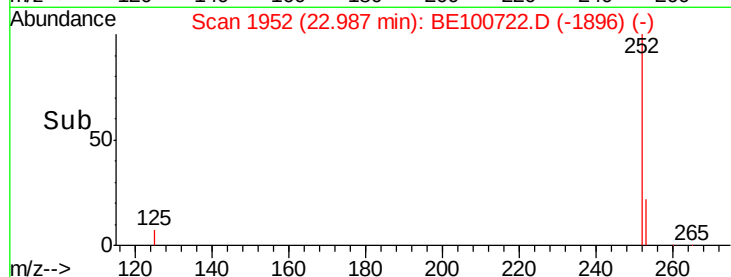
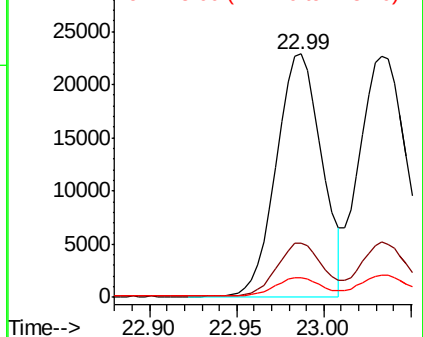


Abundance

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: 0.780 ng

RT: 23.03 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

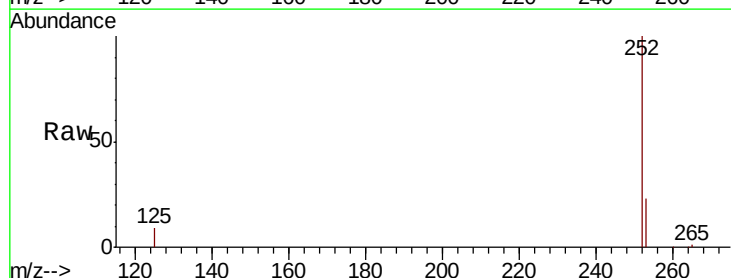
Tgt Ion:252 Resp: 43980

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

125 9.1 7.6 11.4

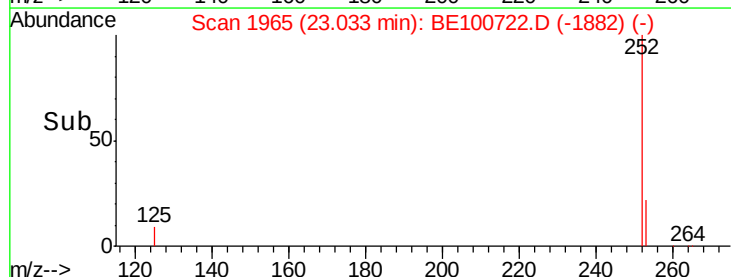
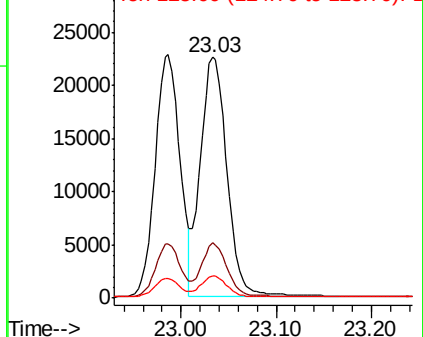


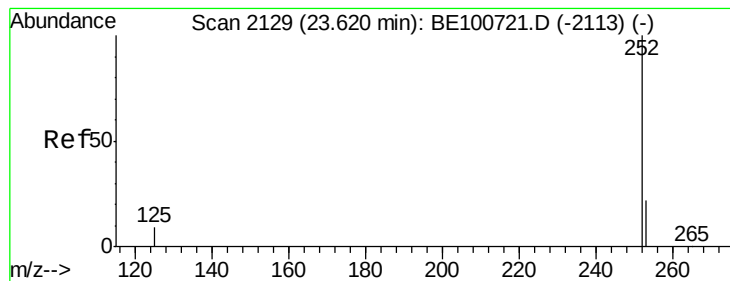
Abundance

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





#37

Benzo(a)pyrene

Concen: 0.764 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

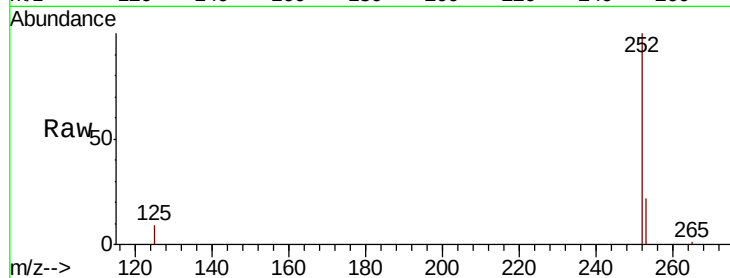
Tot Ion:252 Resp: 38989

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

125 8.7 7.9 11.9

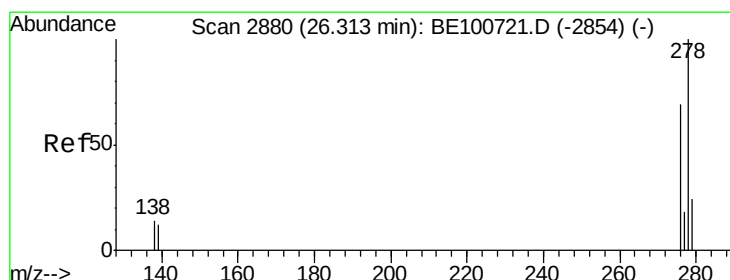
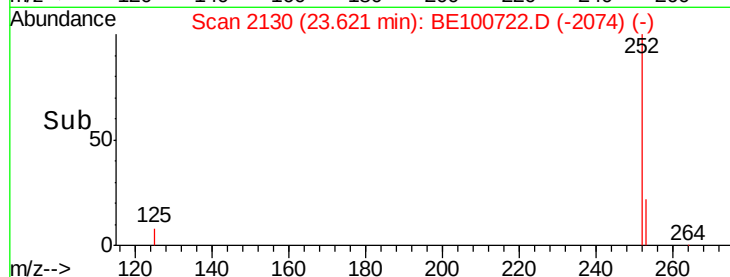
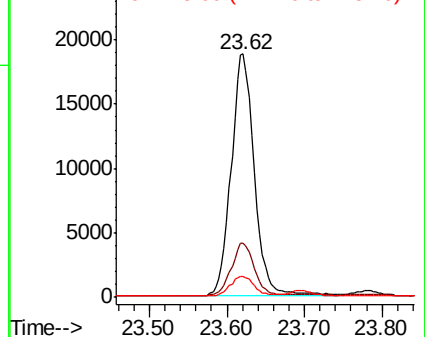


Abundance

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: 0.762 ng

RT: 26.31 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

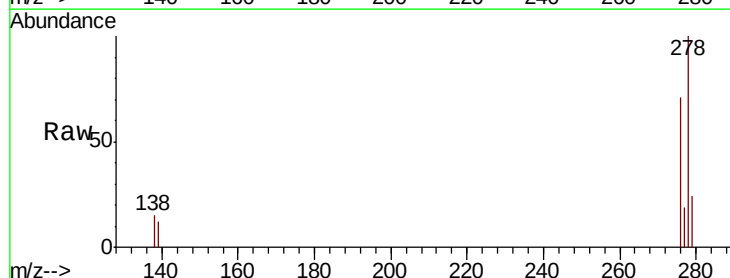
Tgt Ion:278 Resp: 40151

Ion Ratio Lower Upper

278 100

139 12.3 10.3 15.5

279 24.3 20.6 31.0

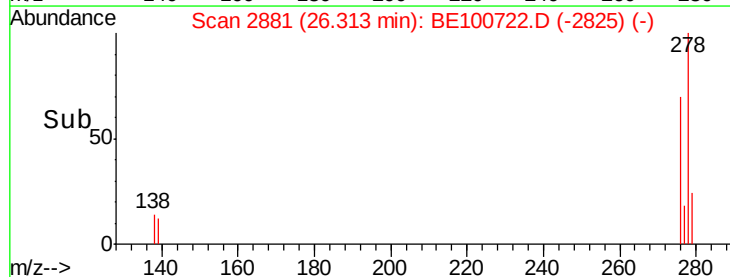
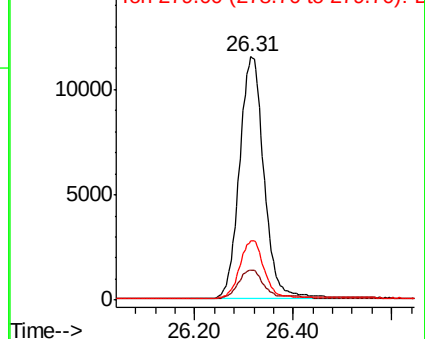


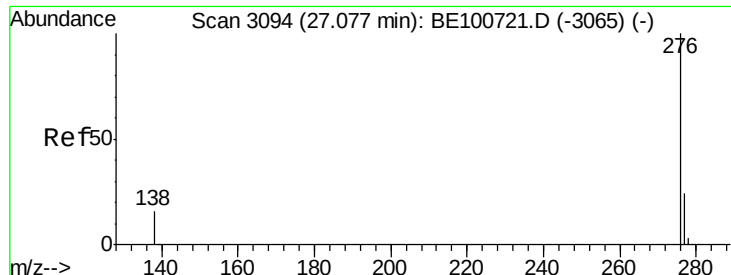
Abundance

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: 0.745 ng

RT: 27.07 min Scan# 3094

Delta R.T. -0.00 min

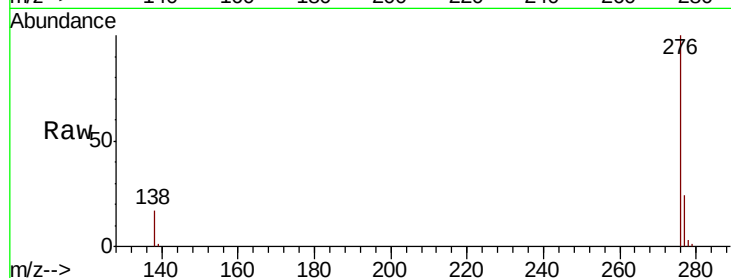
Lab File: BE100722.D

Acq: 14 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 39476

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 16.6 13.6 20.4

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

